

STANDARD FARMERS' ALMANAC

1901

WEATHER

FORECAST



WINTERS LITHO.

THE RETURN FROM HARVEST

To the American Farmer.

In compiling the Standard Farmers' Almanac, it has been our aim to impart a knowledge of useful and accurate information. The Weather Forecast is the work of the highest authority, and the general suggestions and "Household Hints" are extremely valuable.

Read contents frequently—it will pay you a handsome profit. The great lessons of life are acquired through experience, and the wise profit by the experience of others.

Respectfully,

January 1st, 1901.

STANDARD OIL COMPANY.

***NEW* OPPORTUNITIES C H A N C E S**

New ideas clothed with determination is the key that opens the door to "opportunities," to "new chances." Deny and discard the calamity cry that there is no more opportunity—no more chance to success. Don't let it take seed. It does not apply to the new century man. It is simply the stock in trade of the dreamer, the incompetent.

THE THINKER THE INVENTOR THE CHEMIST THE LABORATORY

are daily, hourly proclaiming "The New." The new will always fascinate. New problems of nature are waiting for the new man to solve. New application of old forces is a profitable investment. New combinations of Nature's productions form new forces, new powers. The old and the new fields afford new opportunities to the right man.

With an object in view—an aim and purpose in life, combined with will power and intelligent thinking—man can attain success in any desired direction.

We Made Our Opportunity—How? you ask. By making oil a study; by learning something of its nature and properties, its application to practical uses in the home, the farm, the workshop and the industrial world.

This Brought Success—Because we study your work and make oil adapted to it. Our trademark brands are guarantees that you are getting the best that modern science, skilled labor and experience can produce.

Beware of the dealer offering "just as good."

Beware of the strange oil man.

Beware of the strange brand of oil.

The strange oil man and the strange brand of oil may both be all right, but you can't afford to take the risk. It is safest and best to use "best" oil made by the manufacturer who has studied your machinery and made oil "just" right to lubricate it. Steam or horse power is costly. The "right" oil and the "right" axle grease will save steam power and horse power, because they reduce friction most.

Different oils and greases produce different results, one kind saves more power than another, and the oil and the grease that save most are the most profitable.

It is an important point to remember when you buy either oil or grease, that you are buying power.

INDEX

	PAGE.
Accidents, What to do in case of.....	31
Ball or Roller Bearings, A substitute for.....	11
Barometers, Home make.....	19
Boots and Shoes, To make waterproof.....	21
Bruises, How to prevent discoloration.....	3
Buggy and Carriage Axles, To prevent ware of.....	12
Cement, Home made.....	7
Cisterns, Capacity of.....	19
Cream Separators, The right oil for.....	13
Dining Room Decorations,.....	29
Farm Machinery, How to prolong life of.....	9
Garden Seeds, How to keep.....	12
Garden Seeds, Quantity to use.....	12
Gas and Gasoline Engines, Important information to owners of.....	5
Gasoline Storage, Best method of.....	5
Gasoline Stoves, How to get best results with.....	19
Glue, A substitute for.....	7
Grafting Wax, How to use.....	13
Grease or Hard Oil, How to use.....	12
Greasing Wagons, Best method of.....	11
Harness and Leather, How to preserve.....	27
Hay Measure, To estimate weight of mow.....	13
Hints for Housekeepers.....	17
Horse Power, To increase.....	11
Hot Boxes, How to prevent.....	11
Household Hints.....	23
How to Secure a Perfect Light.....	3
Information for School Superintendents, Trustees and Teachers.....	7
Interest on a Dollar for One Hundred Years.....	9
Ironing Shirt Waists.....	23
Jellies and Fruit, How to keep from molding.....	17
Lamps, How to take care of.....	3
Linen and Wash Fabric, How to make white.....	23
Oil, For reapers, mowers, corn shredders and binders.....	9
Oil for Zero Weather.....	25
Paints, How to mix colors.....	17
Permanency of Paint.....	15
Postal Regulations.....	21
Power from Gas and Gasoline Engines, How to secure maximum.....	5
Rats, To drive from a building.....	11
Remedies for Burns and Scalds.....	9
Rust, How to protect farm and other machinery from.....	25
Seeds, To test quality of.....	15
Seeds, Vitality of.....	8
Slipping of Belts, How to prevent.....	21
Steam Engine Cylinders, Best oil for.....	8
Steam Engines, Increased power at decreased cost.....	8
Stove Polish, Recipe for.....	7
Trees, Number on an acre.....	27
Value of Corn in Pork.....	15
Wagon Axles, To save wear and tear of.....	11
Wear and Care of Harness.....	27
Wedding Anniversaries.....	23
Weight of Live Cattle, How to compute.....	3
Weight of Farm Produce.....	12
Wire Fences, Amount of wire required.....	8

STANDARD FARMERS' ALMANAC.

	ARIES, The Ram.
	TAURUS, The Bull.
	GEMINI, The Twins.
	CANCER, The Crab.
	LEO, The Lion.
	VIRGO, The Virgin.
	LIBRA, The Balance.
	SCORPIO, The Scorpion.
	SAGGITARIUS The Bowman.
	CAPRICORNUS The Goat.
	AQUARIUS, The Waterman.
	PISCES, The Fishes.



MORNING AND EVENING STARS, 1901.

Mercury will be Evening Star about February 19, June 15 and October 12; and Morning Star about April 4, August 2 and November 20.

Venus will be Morning Star till April 30; and then Evening Star the rest of the year.

Jupiter will be Morning Star till June 30; then Evening Star the rest of the year.

CHRONOLOGICAL CYCLES, 1901.

Dominical Letter.....	F
Epact.....	10
Lunar Cycle or Golden Number ..	2
Solar Cycle.....	6
Roman Indiction	14
Julian Period.....	6614

The year 5662 of the Jewish era commences on September 14, or, more exactly, at sunset on September 13.

ECLIPSES, 1901—STANDARD TIME.

In the year 1901 there will be two eclipses of the Sun, one of the Moon, and a Lunar Appulse.

I. A Lunar Appulse, May 3-4. Invisible. Visible more or less to Europe, Asia, Africa, Australia, the extreme eastern tip of South America, and the Indian Ocean.

II. A Total Eclipse of the Sun, May 18. Invisible. Visible to Australia, Southern Asia, the eastern part of Africa, and to the Indian Ocean. The path of totality passing through the islands of Mauritius, Sumatra, Borneo, and New Guinea.

III. A Partial Eclipse of the Moon, October 27. Visible in part to the Western coast of North America, Europe, Africa; and to Asia, Australia, and the North Pacific and Indian Oceans. Occurring as follows:

PACIFIC STANDARD

Moon enters Penumbra.....5h. 4m. M. | Moon enters Shadow.....6h. 25m. M.

First contact of Shadow, 137 degrees from the north point of the Moon's limb toward the east.

Magnitude of Eclipse=0.227. (Moon's diameter=1.)

IV. An Annular Eclipse of the Sun, November 11. Invisible. Visible to the greater part of Europe, Asia, northern Africa, the extreme northern edge of Australia, and to the Indian Ocean.

The path of annulus passing through Arabia, the Island of Ceylon, the Malay Peninsular, to the Island of Luzon.

MOVABLE FESTIVALS, 1901.

Septuagesima Sunday.....	February 3	Low Sunday.....	April 14
Quinquagesima (Shrove Sunday).....	February 17	Rogation Sunday.....	May 12
Ash Wednesday.....	February 20	Ascension Day.....	May 16
First Sunday in Lent.....	February 24	Pentecost (Whit Sunday).....	May 26
Palm Sunday.....	March 31	Trinity Sunday.....	June 2
Good Friday.....	April 5	Corpus Christi.....	June 6
Easter Sunday.....	April 7	First Sunday in Advent.....	December 1

FOUR SEASONS, 1901—EASTERN STANDARD.—Vernal Equinox, Sun enters ♈, March 21, 2h. 23m. a. m. Summer Solstice, Sun enters ♊, June 21, 10h. 27m. p. m. Autumnal Equinox, Sun enters ♏, September 23, 1h. 9m. p. m. Winter Solstice, Sun enters ♐, December 22, 7h. 36m. a. m.

PLANETS BRIGHTEST, 1901.

Mercury, February 16, May 18, August 14, October 20	Jupiter	June 30
November	Saturn	July 5
Venus. Not during year.	Uranus.....	June 5
Mars.....	Neptune.....	December 22

EMBER DAYS, 1901.—February 27; March 1, 2; May 29, 31; June 1; September 18, 20, 21; December 18, 20, 21.

How to Secure a Perfect Light.

First Essential—Be sure you get a high grade illuminating oil. PERFECTION OIL will insure the perfect light if the following suggestions are carefully observed:

How to Take Care of Lamps. 1. See that wick is of right size and quality, not too narrow or too thin. It should just comfortably fill the wick tube, both in width and thickness.

2. Dry your wick thoroughly. This is important. Moisture interferes with flow of oil through the wick. If, when the lamp is turned up to its full power, the flame diminishes in size the cause is dampness of the wick.

3. Before putting a new wick into burner, cut evenly across the top with a very sharp pair of scissors, taking care not to jag the edges; then insert it evenly into tube.

4. Cut wick perfectly level with top of the wick tube. The perfect flame should be tulip shape and level at top. It should not be pointed in the middle.

5. In trimming wick of a lamp, remove merely the charred part that will cut quite easily. About once a month wick should be removed, the burner unscrewed and boiled in water in which common washing soda has been dissolved. This will remove the almost imperceptible coating of dust and grease that forms on the brass. The lamp chimney should be washed in warm, soapy water each day, a mop made especially for such work being used. When dried it should be polished with soft newspaper or chamois.

6. Fill oil reservoir each day before using.

7. To light your lamp, do not turn the wick above the opening in the cone.

8. When first lit do not turn up the flame to its full height.

9. In extinguishing a lamp, blow sharply across the top of the chimney. If the lamp has an extinguisher, use that.

10. See that the wick of a lamp not in use is below the level of the wick tube. This prevents oil from creeping up and over the bowl.

With the above precautions the lamp will be kept clean and free from odor.

VINEGAR PREVENTS DISCOLORATION OF BRUISES.

Bathe a bruise with vinegar as soon as the accident happens; if it can be kept in place, lay a cloth soaked in vinegar over the injury, wetting it as it dries, and there will be very little discoloration.—MARCH LADIES' HOME JOURNAL.

To Compute the Weight of Live Cattle.

For cattle of a girth of from 5 to 7 ft., allow 23 lbs. to the superficial foot. For a girth of from 7 to 9 ft., allow 31 lbs. to the superficial foot. For small cattle and calves of a girth from 3 to 6 ft., allow 16 lbs. to the cubic foot. For pigs, sheep and animals measuring less than 3 ft. girth, allow 11 lbs. to the superficial foot.

The table at the right is compiled from two works on the subject.

RULE—Measure the girth in inches back of the shoulder, and the length in inches from the square of the buttock to a point even with the point of the shoulder blade. Multiply the girth by the length, and divide the product by 144 for the superficial feet, and then multiply the superficial feet by the number of lbs. allowed as above for cattle of various girths, and the product will be the number of pounds of beef, veal or pork in the four quarters of the animal.

Girth	Length	Renton's Table.	Cary's Table.
ft. in.	ft. in.	lbs.	lbs.
5 0	3 6	294	294
5 0	4 0	324	324
5 6	3 9	378	378
5 6	4 0	380	383
6 0	4 6	430	433
6 0	5 0	603	602
6 6	4 6	639	637
6 6	4 9	672	672
7 0	5 6	902	903
7 0	6 0	985	983
8 0	6 6	1,394	1,398
8 0	7 0	1,503	1,504

STANDARD FARMERS' ALMANAC.



JANUARY 1901 31 DAYS

MOON'S PHASES.

	CENTRAL TIME.		
	D	H	M
Full Moon.....	4	6	13 P M
Last Quarter.....	12	2	38 P M
New Moon.....	20	8	36 A M
First Quarter.....	27	3	52 A M
Apogee.....	12	5	A M
Perigee.....	24	5	A M
Highest.....	2	.....	.....
Lowest.....	17	.....	.....
Highest.....	30	.....	.....

MOON'S PHASES.

☺ 4, ☾ 12, ● 20, ☾ 27.

Day of Month.	Day of Week.	Day of Year.	Catholic Saints and Holy Days.	Moon's Constell'n	Latitude of Southern States.			Sun Slow.	Middle and Western States.		
					Sun Rises	Sun Sets	Moon Sets		Sun Rises	Sun Sets	Moon Sets
					C.	H. M.	H. M.		H. M.	M.	H. M.
1	Tuesday	1	Circumcision of our Lord	P	7 35	5 35	3 35	4 7	23 44	3 51	
* 2	Wednesday	2	Fulgentius	∞	7 35	5 6	4 37	4 7	23 44	4 55	
* 3	Thursday	3	Genevieve	∞	7 35	7 5	5 37	5 7	23 44	5 55	
* 4	Friday	4	Titus, Bishop of Crete	□	7 35	7	Rises	5 7	23 44	rises	
* 5	Saturday	5	Telesphorus	□	7 35	8 6	9	6 7	23 44	5 53	
1) EPIPHANY SUNDAY.					10h. 5m.			—Day's Length—			9h. 26m.
6	Sunday	6	Epiphany of our Lord	P	7 45	9 7	7 9	6 7	23 49	6 57	
7	Monday	7	Lucian	∞	7 45	10 8	8 8	6 7	23 50	7 59	
† 8	Tuesday	8	Severius, Bishop of Naples	∞	7 45	11 9	9 4	7 7	23 51	8 59	
† 9	Wednesday	9	Julian and Basilla	∞	7 45	11 9	59	7 7	22 52	9 58	
10	Thursday	10	William, Confessor.	∞	7 45	12 10	53	8 7	22 53	10 56	
11	Friday	11	Hyginus	∞	7 45	13 11	47	8 7	22 54	11 53	
12	Saturday	12	Tatiana	∞	7 35	14 morn		8 7	22 55	morn	
2) FIRST SUNDAY AFTER EPIPHANY.					10h. 12m.			—Day's Length—			9h. 35m.
* 13	Sunday	13	Veronica	P	7 35	15 0	41	9 7	21 56	0 50	
* 14	Monday	14	Hilary	P	7 35	16 1	35	9 7	21 57	1 47	
* 15	Tuesday	15	Paul	P	7 35	17 2	29	10 7	20 58	2 45	
* 16	Wednesday	16	Marcellus	P	7 35	18 3	25	10 7	20 59	3 42	
17	Thursday	17	Anthony	P	7 25	19 4	18	10 7	20 5	4 36	
18	Friday	18	Peter's Chair at Rome	P	7 25	19 5	9	11 7	19 5	5 27	
19	Saturday	19	Canute, King of Denmark	P	7 25	20 6	0	11 7	19 5	6 16	
3) SECOND SUNDAY AFTER EPIPHANY.					10h. 20m.			—Day's Length—			9h. 46m.
† 20	Sunday	20	Most Holy Name of Jesus	P	7 15	21 sets		11 7	18 5	4 sets	
† 21	Monday	21	Agnes, Martyr	P	7 15	22 6	53	11 7	18 5	6 43	
22	Tuesday	22	Vincent and Anastasius	P	7 15	23 7	57	12 7	17 5	7 52	
23	Wednesday	23	Raymond of Pennafort	P	7 05	24 9	3	12 7	17 5	9 2	
24	Thursday	24	Timothy	P	7 05	25 10	10	12 7	16 5	10 13	
* 25	Friday	25	Conversion of St. Paul	P	6 59	26 11	16	13 7	16 5	11 24	
* 26	Saturday	26	Polycarp, Bishop Martyr	P	6 59	27 morn		13 7	15 5	morn	
4) THIRD SUNDAY AFTER EPIPHANY.					10h. 30m.			—Day's Length—			9h. 58m.
* 27	Sunday	27	John Chrysostom	P	6 58	28 0	22	13 7	14 5	0 33	
* 28	Monday	28	Flavian	P	6 58	29 1	26	13 7	13 5	1 41	
29	Tuesday	29	Francis of Sales	P	6 57	30 2	29	13 7	12 5	2 46	
30	Wednesday	30	Martina	P	6 57	31 3	29	13 7	11 5	3 47	
† 31	Thursday	31	Peter Nolasco	□	6 56	32 4	24	14 7	10 5	4 41	

JANUARY, 1901.—The new year opens in the icy grip of winter, with much snow and ice in the North, West and Central States; the temperature moderating, the warm wave attended by thawing, progressing Eastward and developing first regular storm period 2d to 5th, perturbed by full moon on 4th; bringing cold rains, snow and heavy gales; a bitter cold wave in rear of storms. About the 7th temperature will rise and minor storms develop on 8th and 9th, followed by great cold. Higher temperature and a general thaw will prevail about the 12th, and develop second regular storm period, 13th to 16th, bringing rain, sleet and snow. Cold, grey winter days, the sunlight veiled in soft misty vapor, will follow, with temperature gradually moderating and result in minor storms, 20th and 21st, perturbed by new moon on 20th. Grey and threatening skies, and a raw cold that will make one's flesh creep, will follow up to 24th, when a higher temperature will prevail and develop last regular storm period 25th to 28th; cold rains, turning to sleet and snow will result. Warmer towards end of month, developing minor storms on 31st.

An asterisk indicates storm days. A dagger denotes minor storm dates.

Standard GAS ENGINE OIL.

OPERATORS of power plants and others using Gas or Gasoline Engines will avoid the annoyance incidental to using inferior and unsuitable grades of lubricating oil in Gas or Gasoline Engine cylinders by using STANDARD GAS ENGINE OIL.

Like our other leading brands, we offer it to the consumer as being the best that modern science can produce for this type of engine.

It affords the highest degree of lubrication attainable from any grade of oil that would be essential to use as a lubricant in Gas and Gasoline Engine cylinders.

Sufficiently fluid to be used with equally good results on all bearings of the engine, making it unnecessary to keep more than one grade of oil.

Used and recommended by leading manufacturers of Gas or Gasoline Engines as the most suitable for this work.

"How to Secure the Maximum of Power from Gasoline Engines"

by using

RED CROWN BRAND DEODORIZED STOVE GASOLINE.

It furnishes the greatest amount of power obtainable from any Gasoline.

OUR GUARANTEE THAT IT IS THE BEST AND MOST ECONOMICAL is supplemented by the important fact that the most successful Engine Builders are recommending it to their customers.

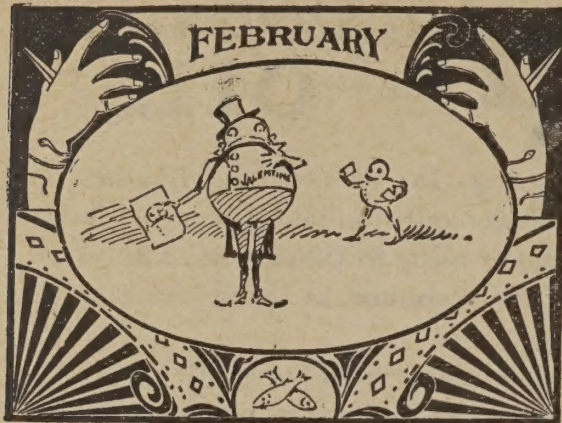
We have studied the requirement of the modern makes of all types of Gasoline Engines and have manufactured RED CROWN G. SOLINE to suit it.

Why is a fool like a needle? Because he has an eye, but no head.
If you use "Standard" Oil, you'll have a great head.

Storage of Gasoline—The different gravities of gasoline, whether intended for stores, house lighting or gasoline engines, are based on a temperature of (sixty) 60 degrees, Baume scale. Since the nature of this volatile product is to absorb from the atmosphere its cold-making properties, it always preserves a very low temperature during very cold weather. It follows from this that a tank below ground is the best place for storing gasoline, or, if this is not convenient, a close tank in a room where the highest temperature can be had without danger of fire—(a temperature of 60 degrees Fahr. suggested.) If these conditions and suggestions are followed out, the delay often complained of in starting gasoline engines will be avoided.

Remember gasoline does not vaporize as readily at 20 degrees below zero as at 60 degrees above.

STANDARD FARMERS' ALMANAC.



FEBRUARY 1901 28 DAYS

MOON'S PHASES.				CENTRAL TIME			
	D	H	M				
Full Moon.....	3	9	30				A M
Last Quarter.....	11	0	12				P M
New Moon.....	18	8	45				P M
First Quarter.....	25	0	38				P M
Apogee.....	9	1	....				A M
Perigee.....	20	9	....				P M
Lowest.....	13	☾	....				....
Highest.....	26	☾	....				....

MOON'S PHASES.

☺ 3, ☾ 11, ☾ 18, ☾ 25.

Day of Month.	Day of Week.	Day of Year.	Catholic Saints and Holy Days.	Moon's Constell'n	Latitude of Southern States.			Sun Slow.	Middle and Western States.		
					Sun Rises	Sun Sets	Moon Sets		Sun Rises	Sun Sets	Moon Sets
					C. H. M.	H. M.	H. M.		H. M.	H. M.	H. M.
† 1	Friday	32	Ignatius, Bishop Martyr	☐	6 55	5 33	5 12	14 7	9 5	18 5	23 5
2	Saturday	33	Purification of the B.V. Mary	☐	6 55	5 34	5 56	14 7	8 5	19 5	6 8
5) SEPTUAGESIMA SUNDAY.					10h. 41m. —Day's Length—			10h. 14m.			
3	Sunday	34	Blase, Bishop Martyr	☐	6 54	5 35	rises	14 7	7 5	21	rises
4	Monday	35	Andrew Corsini	☐	6 54	5 36	6 51	14 7	6 5	22	6 45
* 5	Tuesday	36	Agatha	☐	6 53	5 36	7 48	14 7	5 5	23	7 46
* 6	Wednesday	37	Dorothy	☐	6 52	5 37	8 43	14 7	4 5	24	8 44
* 7	Thursday	38	Romuald	☐	6 51	5 38	9 37	14 7	3 5	25	9 42
* 8	Friday	39	John of Martha	☐	6 50	5 39	10 31	14 7	2 5	27	10 39
9	Saturday	40	Apollonia	☐	6 49	5 40	11 25	14 7	1 5	28	11 35
6) SEXAGESIMA SUNDAY.					10h. 52m. —Day's Length—			10h. 29m.			
10	Sunday	41	Scholastica	☐	6 49	5 41	morn	14 7	0 5	29	morn
† 11	Monday	42	Saturninus and Companions	☐	6 48	5 42	0 18	14 6	59	5 30	0 32
† 12	Tuesday	43	Meletius, Bishop of Antioch	☐	6 47	5 43	1 12	14 6	58	5 31	1 29
13	Wednesday	44	Catherine de Rica	☐	6 46	5 44	2 5	14 6	56	5 33	2 23
14	Thursday	45	Valentine	☐	6 45	5 45	2 57	14 6	55	5 34	3 15
15	Friday	46	Faustinus and Jovita	☐	6 44	5 45	3 48	14 6	54	5 35	4 5
16	Saturday	47	Onesimus, Bishop of Ephesus	☐	6 43	5 46	4 35	14 6	53	5 36	4 49
7) QUINQUAGESIMA SUNDAY.					11h. 5m. —Day's Length—			10h. 46m.			
* 17	Sunday	48	Theodulus	☐	6 42	5 47	5 20	14 6	51	5 37	5 31
* 18	Monday	49	Simeon, Bishop of Jerusalem	☐	6 41	5 48	sets	14 6	50	5 39	sets
* 19	Tuesday	50	Shrove Tuesday	☐	6 40	5 49	6 45	14 6	48	5 40	6 42
* 20	Wednesday	51	Ash Wednesday	☐	6 39	5 50	7 55	14 6	47	5 41	7 56
21	Thursday	52	Severian	☐	6 38	5 51	9 4	14 6	46	5 42	9 9
22	Friday	53	Chair of St. Peter at Antioch	☐	6 37	5 51	10 12	14 6	44	5 43	10 22
† 23	Saturday	54	Polycarp, Priest Martyr	☐	6 36	5 52	11 18	14 6	43	5 45	11 33
8) FIRST SUNDAY IN LENT.					11h. 19m. —Day's Length—			11h. 5m.			
† 24	Sunday	55	Mathias, Apostle	☐	6 34	5 53	morn	13 6	41	5 46	morn
25	Monday	56	Felix [Alexandria]	☐	6 33	5 54	0 23	13 6	40	5 47	0 40
26	Tuesday	57	Alexander, Bishop of	☐	6 32	5 55	1 23	13 6	39	5 48	1 41
27	Wednesday	58	Ember Day	☐	6 31	5 56	2 19	13 6	37	5 49	2 37
* 28	Thursday	59	Romanus	☐	6 30	5 56	3 9	13 6	36	5 50	3 26

FEBRUARY, 1901.—Minor storm disturbances, existing at the opening of this month, will bring cold misting rains in the South, sleet and snow Northward, and sweeping blizzards of sword-edged sleet in the Northwest. High barometer and bitter cold wave will ensue, lasting for two or three days. Moderating on the 4th, developing first regular storm period 5th to 8th; gathering clouds, breeding rain, sleet and snow, evolving into driving blizzardous gales, will sweep over the North and West, accompanied by a snapping cold wave, tightening the grip of the frost king. Warmer on the 10th, with minor storms of considerable energy 11th and 12th. There will be some bright pleasant days between storm periods, having a stronger charm of hope, full of the promise of spring, than other days of the year. The second regular storm period, 17th to 20th, will bring another spell of bad weather, followed by crisp winter temperature, which will moderate and develop minor storms of rain and snow on 23d and 24th; a bitter cold wave will appear behind storms. A warm wave will appear about the 28th, which will be the forerunner of storms that will be raging the first days of March.

An asterisk indicates storm days. A dagger denotes minor storm dates.

Standard Floor Dressing

Especially Recommended for use in Public Schools,
Institutions, Offices, Buildings and Stores.

AS A HEALTH PROTECTOR, Standard Floor Dressing is unsurpassed. Germs of consumption, typhoid fever, diphtheria and other contagious diseases are spread by dust. Teachers and school children are frequently sufferers from dust, throat troubles often being traced directly to chalk and other dust, constantly rising in the school room.

Floors oiled with Standard Floor Dressing can be swept without causing an accumulation of dust on stock and fixtures. This Dressing will also preserve floors, preventing shrinkage and splintering of the wood.

DIRECTIONS—Floor should be clean and perfectly dry; the Dressing is then applied with a clean mop or brush (be sure to wipe off all surplus dressing.) In cold weather the Dressing should be slightly heated before using, not necessarily over 80 or 90 degrees Fahr. One gallon will cover from 300 to 600 square feet, and last from four to six months, during which time it is not necessary to scrub the floor, but simply wipe up with damp cloth or sweep with soft floor brush.



Stove Polish—As the season is again here that brings a demand for stove polishes, it may be useful to bring forward some information about their preparation.

Graphite (often misnamed black-lead) is the foundation ingredient in a stove polish. Lampblack is frequently added to deepen the color, but the latter form of carbon is, of course, more readily burned off than the former.

The powder variety of stove polish is merely purified and ground graphite, with or without the addition of lampblack, which is applied to the stove by being first mixed with a little water.

The paste is made by the addition of glycerine or paraffin oil to the powder. The following formula gives a liquid stove blacking:

Graphite in fine powder.....	1 pound.
Lampblack.....	1 ounce.
Rosin.....	4 ounces.
Turpentine	1 gallon.

This form may be esteemed a convenience by some, but the rosin will, of course, give rise to some disagreeable odor on first heating the stove, after the liquid is applied.

The mixture must be kept well shaken while in use, and must not be applied when there is a fire or

light near, on account of the inflammability of the vapor.

The solid cakes of polish are said to be made by subjecting the powdered graphite, mixed with spirit of turpentine, to great pressure. It has to be reduced to powder and mixed with water before being applied.

Any of them has to be well rubbed with a brush after application to give a handsome finish.—**DRUGGISTS' CIRCULAR.**

Famous Chinese Cement "Shio Liao."

—Under this name the Chinese manufacture an excellent cement, which takes the place of glue, and with which gypsum, marble, porcelain, stones and stone-ware can be cemented. It consists of the following parts (by weight): Slacked powdered lime 54 parts, powder of alum 6 parts, and fresh, well-strained blood 40 parts. These materials are stirred thoroughly until an intimately bound mass of the consistency of a more or less stiff salve is obtained. In paste form this mass is used as cement, in a liquid state it is employed for painting all sorts of articles which are to be rendered waterproof and durable. Cardboard covers, which are coated with it two or three times, become as hard as wood. The Chinese paint their houses with "shio liao" and glaze their barrels with it, in which they transport oil and other greasy substances.—**FARBEN ZEITUNG.**



"The Oil Used and Recommended by Leading Engine Builders."

Capitol Cylinder Oil.

(Dark.)

This BRAND of oil is admitted by highest authority to be the superior of all cylinder lubricants in the market.

For Economy, For Durability, and For Power Saving Qualities it Has no Equal.

WE OFFER this oil to owners of Farm Machinery as being the best that skill and science can produce for lubrication of steam engine cylinders. It is lubricating, today, most of the large and important manufacturing plants in the country. Is used and recommended by leading engine builders. If it will serve them, it will serve you. If you use Capitol Cylinder Oil (dark) you will increase your day's product and decrease your running expenses.

Gold Medal Awarded

At Trans-Mississippi, International Exposition, Omaha, 1898, for highest excellence in lubricating Properties.

Highest Award at World's Columbian Exposition 1893.

For specific points of excellence, affording best possible lubricating power at minimum consumption and ability to withstand highest steam temperature without sensible evaporation.

If a stupid fellow is going up for competitive examination, why should he study the letter P?

Because P makes ass pass. Don't be stupid. Use Capital Cylinder Oil.

Number of Years Seeds Retain Their Vitality.

VEGETABLES.	YEARS.	VEGETABLES.	YEARS.
Artichoke.....	5 to 6	Melon.....	8 to 10
Asparagus.....	2 to 3	Mustard.....	3 to 4
Beans.....	2 to 3	Okra.....	3 to 4
Beets.....	3 to 4	Onion.....	2 to 3
Broccoli.....	5 to 6	Pea.....	5 to 6
Cucumber.....	8 to 10	Pumpkin.....	8 to 10
Cauliflower.....	5 to 6	Parsley.....	2 to 3
Cress.....	3 to 4	Parsnip.....	2 to 4
Carrots.....	2 to 3	Pepper.....	2 to 3
Celery.....	2 to 3	Rhubarb.....	3 to 4
Corn (on cob)....	2 to 3	Squash.....	8 to 10
Endive.....	5 to 6	Spinach.....	3 to 4
Egg Plant.....	1 to 2	Turnip.....	3 to 6
Leek.....	2 to 3	Tomato.....	2 to 3
Lettuce.....	3 to 4		

Amount of Barbed Wire Required for Fences.

Estimated number of pounds of barbed wire required to fence space or distances mentioned, with one, two or three lines of wire, based upon each pound of wire measuring one rod (16½ feet).

	1 Line. Lbs.	2 Lines. Lbs.	3 Lines. Lbs.
1 square acre.....	50 $\frac{2}{3}$	101 $\frac{1}{3}$	152
1 side of a square acre....	12 $\frac{2}{3}$	25 $\frac{1}{3}$	38
1 square half-acre.....	36	72	108
1 square mile.....	1,280	2,560	3,840
1 side of a square mile....	320	640	960
1 rod in length.....	1	2	3
100 rods in length.....	100	200	300
100 feet in length.....	6 $\frac{1}{8}$	12 $\frac{1}{8}$	18 $\frac{3}{8}$

"The Oil That Never Wears Out."



ELDORADO Castor Oil

A heavy bodied oil of great adhesive qualities, containing no acid or other ingredients injurious to metal.

Where a "stringy" oil is required, ELDORADO CASTOR has no equal. Very durable and practically unaffected by heat or cold.

Use ELDORADO CASTOR OIL on your reapers, mowers, corn shredders, binders. It will prolong the life of your machinery.

Will not run off bearings; will stay where it is put without gumming.

IMPORTANT TO REMEMBER.

That friction is expensive—it costs more than oil. If your oils differ from the best you are paying in fuel or horse power for unnecessary friction.

HIGHEST AWARD AT WORLD'S COLUMBIAN EXPOSITION

For specific points of excellence affording best possible lubrication without material change in consistency under different temperatures. As an oil especially suitable for lubrication of agricultural machinery.

Why is a lovely young lady like a hinge? Because she is something to adore (a door.)

If your door hinges squeak oil them with ELDORADO CASTOR OIL.

Remedies for Burns and Scalds—Dr. Breyne, in L'Union Pharmac, June, 1873, recommends Glycerite of Lime as soothing the pain and lessening the inflammation of burns. It is made as follows:

Freshly slaked lime, - - - 1 part.
Glycerine, - - - - 50 parts.
Hydrochloric ether, - - - 1 part.

Rub the Lime with a small portion of the Glycerine into a smooth cream, then add the remaining Glycerine and Ether and thoroughly mix.

Lime water and pure Olive or Linseed Oils, equal parts; shake thoroughly to form a uniform or rather thin or liquid salve. Apply freely to the burns or scalds, and bind the wounds in rags saturated with it.

Lime water is made by pouring a gallon of water

on a pound of unslaked lime, and after standing twelve hours decant or filter, and preserve for use when needed.

Interest on \$1 for 100 Years.

Per cent.	Interest.
3	\$ 19.25
6	540.00
8	2,203.00
10	13,809.00
12	85,075.00
18	15,145,007.00
24	2,551,799,404.00

One dollar loaned for 100 years at the rates of interest compounded, as given in the subjoined table, will amount to the figures set opposite the per cent. at the end of that time.

The moral is: Lend instead of borrow.

STANDARD FARMERS' ALMANAC.



MARCH 1901 31 DAYS

MOON'S PHASES.

CENTRAL TIME.

	D	H	M	
Full Moon	5	2	4	AM
Last Quarter.....	13	7	6	AM
New Moon.....	20	6	53	AM
First Quarter.....	26	10	39	PM
Apogee.....	8	6	....	PM
Perigee.....	21	4	....	AM
Lowest.....	13	....	....	....
Highest.....	25	....	....	....

MOON'S PHASES.

☾ 5, ☾ 13, ☾ 20, ☾ 26.

Day of Month.	Day of Week.	Day of Year.	Catholic Saints and Holy Days.	Moon's Constell'n	Latitude of Southern States.			Sun Slow.	Middle and Western States.		
					Sun Rises	Sun Sets	Moon Sets		Sun Rises	Sun Sets	Moon Sets
					C.	H. M.	H. M.		H. M.	M.	H. M.
* 1	Friday	60	Albinus		6 29	5 57	3 54	13	6 34	5 51	4 8
* 2	Saturday	61	Simplicius	☐	6 28	5 58	4 34	12	6 33	5 52	4 44
9) SECOND SUNDAY IN LENT.					11h. 33m. —Day's Length—			11h. 22m.			
* 3	Sunday	62	Cunegundis	☐	6 26	5 59	5 11	12	6 31	5 53	5 18
4	Monday	63	Casimir, Confessor	☐	6 25	5 59	rises	12	6 30	5 54	rises
5	Tuesday	64	Phocas, Kyras	☐	6 24	6 0	6 34	12	6 28	5 56	6 34
† 6	Wednesday	65	Victor and Companions	☐	6 23	6 1	7 28	12	6 27	5 57	7 31
† 7	Thursday	66	Thomas of Aquino	☐	6 21	6 2	8 23	11	6 25	5 58	8 29
8	Friday	67	John of God	☐	6 20	6 3	9 16	11	6 23	5 59	9 26
9	Saturday	68	Frances, a Roman Widow	☐	6 19	6 4	10 9	11	6 22	6 0	10 22
10) THIRD SUNDAY IN LENT.					11h. 46m. —Day's Length—			11h. 41m.			
10	Sunday	69	Forty Martyrs of Sebaste	☐	6 18	6 4	11 2	11	6 20	6 1	11 18
11	Monday	70	Eulogius	☐	6 16	6 5	11 55	10	6 19	6 2	morn
* 12	Tuesday	71	Gregory the Great	☐	6 15	6 6	morn	10	6 17	6 3	0 12
* 13	Wednesday	72	Mid-Lent	☐	6 14	6 6	0 46	10	6 15	6 4	1 4
* 14	Thursday	73	Matilda	☐	6 12	6 7	1 36	9	6 14	6 5	1 53
* 15	Friday	74	Longinus	☐	6 11	6 8	2 23	9	6 12	6 6	2 39
* 16	Saturday	75	Abraham	☐	6 10	6 9	3 9	9	6 11	6 7	3 21
11) FOURTH SUNDAY IN LENT.					12h. 1m. —Day's Length—			11h. 59m.			
17	Sunday	76	Patrick, Apostle of Ireland	☐	6 8	6 9	3 51	9	6 9	6 8	3 59
† 18	Monday	77	Edward, King of England	☐	6 7	6 10	4 31	8	6 7	6 9	4 36
† 19	Tuesday	78	Joseph, spouse of B. V. Mary	☐	6 6	6 11	5 10	8	6 6	6 10	5 11
† 20	Wednesday	79	Cuthbert	☐	6 5	6 11	sets	8	6 4	6 12	sets
21	Thursday	80	Benedict, Abbot	☐	6 3	6 12	7 52	7	6 3	6 13	8 0
22	Friday	81	Basil, Priest Martyr	☐	6 2	6 13	9 2	7	6 1	6 14	9 14
* 23	Saturday	82	Turibius, Bishop of Lima	☐	6 1	6 13	10 9	7	5 59	6 15	10 25
12) FIFTH SUNDAY IN LENT. (Passion Sunday Cath.)					12h. 15m. —Day's Length—			12h. 18m.			
* 24	Sunday	83	Gabriel, Archangel	☐	5 59	6 14	11 14	6	5 58	6 16	11 31
* 25	Monday	84	Annunciation of the B. V. Mary	☐	5 58	6 15	morn	6	5 56	6 17	morn
* 26	Tuesday	85	Ludges	☐	5 57	6 16	0 13	6	5 55	6 18	0 31
27	Wednesday	86	John, Hermit	☐	5 55	6 16	1 7	6	5 53	6 19	1 24
28	Thursday	87	Guntram, King Confessor	☐	5 54	6 17	1 53	5	5 51	6 20	2 7
† 29	Friday	88	Compassion of the B. V. Mary	☐	5 53	6 18	2 35	5	5 50	6 21	2 45
† 30	Saturday	89	John Climacus, Abbot	☐	5 51	6 18	3 11	5	5 48	6 22	3 19
13) PALM SUNDAY.					12h. 29m. —Day's Length—			12h. 36m.			
31	Sunday	90	Balbina	☐	5 50	6 19	3 44	4	5 47	6 23	3 49

MARCH, 1901.—Month opens fierce, and blustering, with exceptionally bad weather, which will be prevalent generally through the month, and result in many deaths from pneumonia, grippe. 1st to 3d, storms of sleet and snow will be passing central part of the continent, accompanied by northwest winds, developing raging blizzards, and a sweeping cold wave. Warm bright days will precede minor storms 6th and 7th. 12th to 16th, will be perturbed by Vulcan, Mercury, Earth's vernal equinox and moon's last quarter on 13th; expect heavy rains and severe tropical storms southward; wild March winds and rain turning to violent sleet and snow storms in central, northern and western sections; and in the northwest, furious blizzards accompanied by a bitter cold wave. Warmer on 18th, developing minor storms 18th to 20th, when a prolonged period of stormy, unsettled weather will set in. 23d to 26th, will bring rain, thunder and lightning southward, turning in the north and west to furious tempests of snow, fierce gales and bitter cold. Minor storms 20th and 30th.

An asterisk indicates storm days. A dagger denotes minor storm dates.



"The Observing Man Proves All Things and Holds Fast to That Which is Best."

Mica Axle Grease

IS OFFERED as being the best that skill and science can produce for lubrication of wagon axles. It reduces friction to the minimum, and is a preventative against hot boxes, locked wheels and vexatious delays.

You will have no gum or paste on spindles where it is used.

The wear and tear on axles and boxes is caused by friction. Mica Axle Grease prevents friction. It is made of the best grease stock and ground Mica, which keeps the axle always cool, fills up the pores and crevices in the axle and forms a bright, hard and smooth coating, taking the wear off the axle and boxes, putting it on the coating thus formed by the use of Mica Axle Grease.

Never wipe off the Spindle before applying more grease.

Put on more grease, if needed, but don't wipe off the spindle.

Run your finger over the spindle and you will find a coating of grease under the bright, smooth coating which is formed by the powdered Mica.

Reasons Why Mica Axle Grease is Best.

It increases horse power.

It saves harness repairs.

It shortens the road.

It saves wear and tear of wagons.

It lightens the load.

It gives double the service.

It only requires one-half as much as any other grease.

It is important to remember that when you buy axle grease you are buying horse power. The grease that furnishes increased horse power necessarily increases your business.

It is just as logical or reasonable to attempt to haul a bob-sled over bare ground as to use unsuitable or poor axle grease.

We have made lubrication a special study. We have studied your work and made Mica Axle Grease to suit it. We give you the benefit of our experience in offering Mica Axle Grease as "the best thing on wheels"—a substitute for ball or roller bearings. Put up in 1 lb. and 3 lb. tin boxes—and 25 lb., 15 lb. and 10 lb. buckets.



"I expect to pass through this life but once. If, therefore, there be any kindness I can show or any good thing I can do to my fellow human beings, let me do it now; let me not defer nor neglect it, for I shall not pass this way again." Mica Axle Grease is a good thing. Pass it along.

To Drive Rats from a Building—Dissolve 2 ounces glue, 2 ounces tincture of asafœtida and 2 ounces potash in water, and add $\frac{1}{2}$ ounce phosphorus to the mixture. Then, in a wire cage trap, baited with corn meal, scented with oil of anise, catch two or three rats; if they are very numerous more will be necessary; singe the hair partly off these in such a way as to injure them as little as possible, then give them a slight coating with the above mixture, heated warm; let them loose into their holes, and there will be no more trouble with rats for months to come. This mixture will last two years. Or: Take chloride of lime and scatter it dry all around and into their holes, and wherever they haunt, and they will leave at once.

"Has Properties Exceeding All Other Axle Oils."

BOSTON COACH AXLE OIL

For use on Carriages, Cabs and Buggies.

—Has splendid lasting qualities. Does not gum or corrode. Is superior to Castor Oil, more cleanly and more economical, because it wears fully as long and costs less; nor has it any of the objectionable features of a Castor Oil.

Why Not Save your time, your axles, your horses by using only the best of all carriage lubricants, "Boston Coach Axle Oil," which is put up in lithographed pint, quart, half-gallon, gallon and five-gallon cans.



Highest Award at World's Columbian Exposition—1893

For specific points of excellence as a carriage and buggy axle lubricant, and being a perfect substitute for Castor Oil.



"For Use Where Oil Cannot be Used to Advantage."

THRESHER HARD OIL.

A lubricant equal to anything in the market. It is put up in 1 lb., 3 lb., 5 lb., 10 lb., 25 lb. and 50 lb. tins, and is an article which has rapidly made a way for itself into the hands of the threshing trade. Where grease can be used advantageously, Thresher Hard Oil will be found to answer admirably, and give the best results. It embodies all the good qualities which our constant research has discovered.

Garden Seeds for Half an Acre—The following seeds with judicious management, will fully crop a garden of half an acre, which will supply a moderate-sized family with vegetables throughout the year. Vegetable seeds, where carefully grown in this country, are (with a few exceptions) preferable to those imported; but the utter carelessness manifested by many in keeping them apart when growing is not to be recommended.

1 oz. Asparagus	4 oz. Mustard
3 qts. Beans, of sorts	½ oz. Melons
4 oz. Beet, of sorts	½ oz. Okra
¼ oz. Broccoli	2 oz. Onion, sorts
¼ oz. Cauliflower	1 pap. Parsley
4 oz. Cabbage, of sorts	1 oz. Parsnips
¼ oz. Celery	1 pap. Peppers
8 oz. Cress	½ oz. Pumpkins
½ oz. Cucumbers	8 qts. Peas
1 oz. Carrot	8 oz. Radish
1 qt. Early Corn	½ oz. Salsify
1 pkt. Egg Plant	½ oz. Squash
½ oz. Endive	8 oz. Spinach
¼ oz. Leek	1 pap. Tomatoes
1 qt. Lima Beans	2 oz. Turnip
1 oz. Lettuce, of sorts	6 pap. Pot & Sw. Herbs

Seeds should always be kept in bags, in a dry, airy situation. Wall closets and cellars are objectionable, from their dampness. All seeds will keep two, and many from three to six years.

Minimum Weights of Produce—The following are minimum weights according to the laws of the United States:

	Per Bushel.		Per Bushel.
	Lbs.		Lbs.
Wheat.....	60	Dried apples....	26
Corn, in the ear..	70	Clover seed.....	60
Corn, shelled....	56	Flax seed.....	56
Rye.....	56	Millet seed.....	50
Buckwheat.....	48	Hungarian grass	
Barley.....	48	seed.....	50
Oats.....	32	Timothy seed....	45
Peas.....	60	Blue grass seed .	41
White beans	60	Hemp seed.....	44
Castor beans....	46	Fine salt.....	167
Irish potatoes....	60	Salt, coarse.....	151
Sweet potatoes...	55	Corn meal.....	48
Onions.....	57	Ground peas	24
Turnips.....	55	Malt.....	38
Dried peaches...	33	Bran.....	20



"The Right Oil for Cream Separators."

RENOWN Engine Oil

**A Strictly Pure Cold-Test Mineral Oil,
and in Serviceability Is Equal to the Finest
Grade of Sperm Oil.**

CREAM SEPARATORS, like dynamos, or other high speed machines, require an oil possessing the highest degree of lubrication and fluidity, an oil having a wider range of practical service than is covered by ordinary grades of lubricating oils.

Renown Engine Oil is also used and recommended by leading engine builders as being the highest grade oil for lubrication of engines, dynamos and high-speed machinery.

Highest Award at World's Columbian Exposition, Chicago, 1893,

For specific points of excellence, covering a wider range of practical service than any other oil, and able to retain its lubricating properties at high temperatures, affording best possible lubrication under heavy pressure and greatest running speed with minimum consumption.

What is the difference between a bare head and a hair bed? One flees for shelter and the other is a shelter for fleas.

The largest library in the world is at Paris, founded by Louis XIV. It contains 1,400,000 volumes, 175,000 manuscripts, 300,000 maps and charts and 150,000 coins and medals. It would require a large library to contain the testimonials in favor of Renown Engine Oil, also many medals to show its awards of merit.

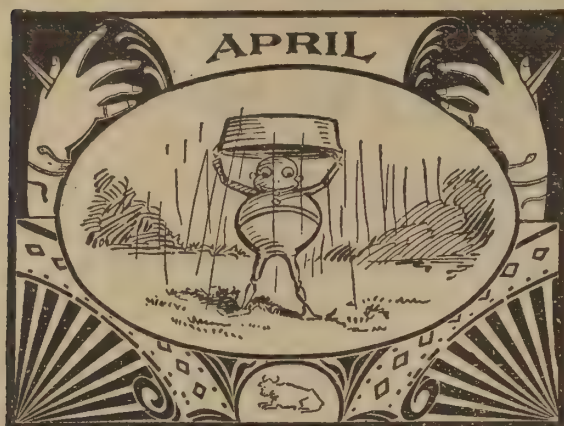
Grafting Wax—Take 4 ounces pitch, 4 ounces resin, 2 ounces hogs' lard and 2 ounces bees-wax; put them all together into a pipkin, and dissolve them over a slow fire, and it will form an excellent grafting wax. By spreading some of this mixture on paper it makes the grafting paper. The French make very good grafting wax by mixing together equal quantities of bees-wax and resin, and adding as much tallow as will cause it to dissolve at a low temperature. For an application where limbs have been removed in pruning, nothing is better than coal tar.

Hay Measure—About 500 cubic feet of well-settled hay, or about 700 feet of new-mown hay will make a ton.

TO ESTIMATE AMOUNT OF HAY in Mow—Ten cubic yards of meadow hay weigh a ton. When the hay is taken out of old stacks, eight or nine yards will make a ton. Eleven or twelve cubic yards of clover, when dry, weigh a ton.

NOTE—The only accurate method to measure hay is to weigh it, since two quantities equal in bulk will never weigh alike. Any rule is simply approximation.

STANDARD FARMERS' ALMANAC.



APRIL 1901 30 DAYS

MOON'S PHASES.

CENTRAL TIME.

	D	H	M	
Full Moon.....	3	7	20	P M
Last Quarter.....	11	9	57	P M
New Moon.....	18	3	37	P M
First Quarter.....	25	10	15	A M
Apogee.....	5	0	....	A M
Perigee.....	18	3	....	P M
Lowest.....	9	....	....	....
Highest.....	22	....	....	....

MOON'S PHASES.

☺ 3, ☾ 11, ☉ 18, ☾ 25.

Day of Month.	Day of Week.	Day of Year.	Catholic Saints and Holy Days.	Moon's Constell'n	Latitude of Southern States.			Sun Slow.	Middle and Western States.		
					Sun Rises	Sun Sets	Moon Sets		Sun Rises	Sun Sets	Moon Sets
					C. H. M.	H. M.	H. M.		M.	H. M.	H. M.
1	Monday	91	Hugh, Bishop of Grenoble	♈	5 49	6 20	4 16	4	5 45	6 24	4 17
2	Tuesday	92	Francis of Paula	♈	5 47	6 20	4 46	4	5 43	6 25	4 43
3	Wednesday	93	Richard	♈	5 46	6 21	rises	3	5 42	6 26	rises
* 4	Thursday	94	Maundy Thursday	♈	5 45	6 22	7 10	3	5 40	6 27	7 18
* 5	Friday	95	Good Friday	♈	5 44	6 23	8 4	3	5 39	6 28	8 15
* 6	Saturday	96	Holy Saturday	♈	5 42	6 23	8 57	3	5 37	6 29	9 11
14) EASTER SUNDAY.					12h. 43m.			—Day's Length—			12h. 55m.
* 7	Sunday	97	Easter Sunday	♈	5 41	6 24	9 50	2	5 35	6 30	10 7
8	Monday	98	Easter Monday	♈	5 40	6 25	10 42	2	5 34	6 31	10 59
9	Tuesday	99	Easter Tuesday	♈	5 38	6 25	11 31	2	5 32	6 32	11 48
† 10	Wednesday	100	Macarius, Bishop of Antioch	♈	5 37	6 26	morn	1	5 31	6 33	morn
† 11	Thursday	101	Leo the Great	♈	5 36	6 27	0 18	1	5 29	6 34	0 34
12	Friday	102	Victor, Martyr	♈	5 35	6 28	1 3	1	5 27	6 35	1 16
13	Saturday	103	Hermengild	♈	5 33	6 28	1 44	1	5 26	6 36	1 54
15) LOW SUNDAY.					12h. 57m.			—Day's Length—			13h. 13m.
14	Sunday	104	Tiburtius, Valerian, Maximus	♈	5 32	6 29	2 23	0	5 24	6 37	2 30
* 15	Monday	105	Basilissa and Anastasia	♈	5 31	6 30	3 2	0	5 23	6 38	3 4
* 16	Tuesday	106	Lambert	♈	5 30	6 30	3 39	fast	5 21	6 39	3 38
* 17	Wednesday	107	Anicetus	♈	5 29	6 31	4 19	0	5 20	6 40	4 14
* 18	Thursday	108	Perfectus	♈	5 27	6 32	sets	1	5 18	6 41	sets
19	Friday	109	Timon	♈	5 26	6 32	7 49	1	5 17	6 42	8 2
20	Saturday	110	Agnes, Virgin	♈	5 25	6 33	8 57	1	5 15	6 43	9 13
16) SECOND SUNDAY AFTER EASTER.					13h. 10m.			—Day's Length—			13h. 30m.
† 21	Sunday	111	Anselm, Bishop of Canterb'ry	♈	5 24	6 34	10 0	1	5 14	6 44	10 17
† 22	Monday	112	Soter and Cains	♈	5 23	6 35	10 57	1	5 13	6 45	11 15
23	Tuesday	113	George, Patron of England	♈	5 22	6 35	11 48	2	5 11	6 46	morn
24	Wednesday	114	Fidelis of Sigmaringa	♈	5 21	6 36	morn	2	5 10	6 47	0 3
25	Thursday	115	Mark, the Evangelist	♈	5 20	6 37	0 32	2	5 8	6 48	0 44
26	Friday	116	Cletus and Marcellinus	♈	5 19	6 37	1 11	2	5 7	6 49	1 19
* 27	Saturday	117	John, Abbot and Confessor	♈	5 17	6 38	1 46	2	5 6	6 50	1 52
17) THIRD SUNDAY AFTER EASTER.					13h. 23m.			—Day's Length—			13h. 46m.
* 28	Sunday	118	Patronage of St Joseph	♈	5 16	6 39	2 19	3	5 5	6 51	2 21
* 29	Monday	119	Peter, Martyr	♈	5 15	6 40	2 49	3	5 3	6 51	2 48
* 30	Tuesday	120	Catharine of Sienna	♈	5 14	6 41	3 20	3	5 2	6 52	3 15

APRIL, 1901.—This month opens with typical April weather, full of fitful sunshine and soft flawy winds, fomenting disturbances, which will develop during first regular storm period, 4th to 7th; Vulcan, Venus and Earth's vernal equinox are exciting factors; at first, very warm, with thunder, lightening, rain and hail; followed suddenly by very cool, with frost northward. Minor storms 10th and 11th, bringing thunder storms and lightning flashes, with heavy rains in some sections. Second regular storm period, 15th to 18th, pertrubed by Vulcan, Venus, Earth's vernal equinox and new moon on 18th; frequent, spasmodic dashes of rain, hail and thunder storms, with sudden and extreme changes in temperature. The month will witness some wild days and nights, for winter will come again, for a moment, after the habit of the northern half of our country, in the early spring. Minor storms 21st to 22d bring much warmer temperature, with many showers and local hailstorms. The last regular storm period, 27th to 30th, pertrubed by Vulcan and Mercury; very warm for the season, with slow, fine, wetting rains, rendering everything humid and limp, and covering the land with a curtain of mist for several days.

An asterisk indicates storm days. A dagger denotes minor storm dates.



Linseed Oil.



WE ESPECIALLY call attention to the quality of our Linseed Oil which is guaranteed to be strictly pure flax-seed

oil, free from all impurities.

As the market is full of adulterated oil, buyers should satisfy themselves on this point before buying.

The permanency of paint depends on the purity, body and elasticity of the Linseed Oil with which it is mixed.

Insist on getting a guarantee brand and take no chances.

TURPENTINE.

MANY people are not aware of the fact that there is no grading or different brands of this necessary article of commerce. Spirits of Turpentine must either be pure or adulterated, and there are many fictitious brands of so-called turpentines on the market which are simply the mixture of turpentine with either naphtha, refined oil or resin spirits. This company, being the largest marketers of turpentine for domestic use, and receiving all their goods direct from producers at the hands of competent inspectors has always guaranteed the quality and quantity of its offerings. You can always secure a pure article in quantities from tank car lots to cans at the lowest market prices by placing your orders with our agencies or traveling salesmen.

Corn and Hogs—From carefully conducted experiments, by different persons, it has been ascertained that one bushel of corn will make a little over ten and a-half pounds of pork, gross. Taking this result as a basis, the following deductions are made:

When corn costs $12\frac{1}{2}$ cents per bushel, pork costs $1\frac{1}{4}$ cents per pound.

When corn costs 17 cents per bushel, pork costs 2 cents per pound.

When corn costs 25 cents per bushel, pork costs 3 cents per pound.

When corn costs 33 cents per bushel, pork costs 4 cents per pound.

When corn costs 50 cents per bushel, pork costs 5 cents per pound.

The following statement shows what the farmer realizes on his own corn when in the form of pork:

When pork sells for 3 cents per pound, it brings 25 cents per bushel in corn.

To Test the Quality of Seed—If you doubt the goodness of your seeds, put some in flannel saturated with water, setting them in a gentle heat for 24 hours; if they are good they will sprout; if not, the reverse will be the case. Another test is to wash the seeds in water, when the dead and non-productive will float and the sound will sink; but they must be all thoroughly immersed or this test will be useless.

STANDARD FARMERS' ALMANAC.



MAY 1901 31 DAYS

MOON'S PHASES.

CENTRAL TIME

	D	H	M	
Full Moon.....	3	0	19	P M
Last Quarter.....	11	8	38	A M
New Moon.....	17	11	37	P M
First Quarter.....	24	11	39	P M
Apogee.....	2	2	....	A M
Perigee.....	17	1	....	A M
Apogee.....	29	11	....	A M
Lowest.....	6	....	....	....
Highest.....	19	....	....	....

MOON'S PHASES.

3, 11, 17, 24.

Day of Month.	Day of Week.	Day of Year.	Catholic Saints and Holy Days.	Moon's Constell'n	Latitude of Southern States.			Sun Fast.	Middle and Western States.		
					Sun Rises	Sun Sets	Moon Sets		Sun Rises	Sun Sets	Moon Sets
					C. H. M.	H. M.	H. M.		H. M.	H. M.	H. M.
1	Wednesday	121	Philip and James, Apostles	♈	5 13	6 41	3 51	3 5	1 6	5 3	3 44
† 2	Thursday	122	Athanasius, B. of Alexandria	♈	5 12	6 42	4 26	3 5	0 6	5 4	4 14
† 3	Friday	123	Finding of the Holy Cross	♈	5 11	6 43	rises	3 4	59 6	5 5	rises
† 4	Saturday	124	Monica, Widow	♈	5 10	6 43	7 46	3 4	57 6	5 6	8 2
18) FOURTH SUNDAY AFTER EASTER.					13h. 35m. —Day's Length—			14h. 1m.			
5	Sunday	125	Pius V. [Latin Gate]	♈	5 9	6 44	8 37	3 4	56 6	5 7	8 54
6	Monday	126	John, Ap., sufferings before	♈	5 9	6 45	9 28	3 4	55 6	5 8	9 45
7	Tuesday	127	Stanislaus [Archangel]	♈	5 8	6 45	10 15	4 4	54 6	5 9	10 32
* 8	Wednesday	128	Apparition of St. Michael,	♈	5 7	6 46	11 0	4 4	53 7	0 11	11 14
* 9	Thursday	129	Gregory Nazianzen	♈	5 6	6 47	11 42	4 4	51 7	1 11	53
* 10	Friday	130	Antoninus	♈	5 5	6 47	morn	4 4	50 7	2 morn	0 29
* 11	Saturday	131	Mammertus	♈	5 4	6 48	0 20	4 4	49 7	3 0	29
19) ROGATION SUNDAY.					13h. 46m. —Day's Length—			14h. 16m.			
12	Sunday	132	Nereus, Achilleus, Domitilla	♈	5 3	6 49	0 58	4 4	48 7	4 1	3
13	Monday	133	John, the Silent, Hermit	♈	5 3	6 50	1 35	4 4	47 7	5 1	36
† 14	Tuesday	134	Boniface, Martyr	♈	5 2	6 51	2 13	4 4	46 7	6 2	10
† 15	Wednesday	135	Torquatus and Companions	♈	5 1	6 51	2 53	4 4	45 7	7 2	45
16	Thursday	136	Ascension Day	♈	5 1	6 52	3 36	4 4	44 7	8 3	24
17	Friday	137	Paschal Baylon	♈	5 0	6 53	4 24	4 4	43 7	9 4	8
18	Saturday	138	Venantius	♈	4 59	6 53	sets	4 4	42 7	10 sets	
20) SUNDAY AFTER ASCENSION.					13h. 55m. —Day's Length—			14h. 29m.			
19	Sunday	139	Peter Celestine	♈	4 59	6 54	8 41	4 4	42 7	11 8	58
* 20	Monday	140	Bernardine of Sienna	♈	4 58	6 55	9 38	4 4	41 7	12 9	54
* 21	Tuesday	141	Ubaldo	♈	4 57	6 56	10 27	4 4	40 7	13 10	40
* 22	Wednesday	142	Basilicus, Martyr	♈	4 57	6 56	11 9	4 4	39 7	14 11	19
* 23	Thursday	143	Desiderius, Bishop Martyr	♈	4 56	6 57	11 45	3 4	39 7	15 11	52
24	Friday	144	Donatian and Rogation	♈	4 56	6 58	morn	3 4	38 7	15 morn	
25	Saturday	145	Gregory VII.	♈	4 55	6 58	0 19	3 4	38 7	16 0	22
21) PENTECOST—WHIT SUNDAY.					14h. 4m. —Day's Length—			14h. 40m.			
† 26	Sunday	146	Pentecost Sunday	♈	4 55	6 59	0 51	3 4	37 7	17 0	51
† 27	Monday	147	Whit Monday	♈	4 55	6 59	1 21	3 4	36 7	18 1	18
28	Tuesday	148	Whit Tuesday	♈	4 54	7 0	1 53	3 4	36 7	19 1	46
29	Wednesday	149	Ember Day	♈	4 54	7 1	2 26	3 4	35 7	19 2	15
30	Thursday	150	Felix, Pope Martyr	♈	4 53	7 1	3 0	3 4	35 7	20 2	46
* 31	Friday	151	Petronilla	♈	4 53	7 2	3 37	3 4	34 7	21 3	20

MAY, 1901.—Storms, originating last days of April, will be disappearing on the Atlantic by the 1st and the month open with cool, cloudy weather, with late frost northward. May is comparatively free from disturbing causes this year, so that while storminess will appear during all storm periods, it will not be of a violent or dangerous character, and we may expect many days of brilliant sunshine and much charming weather, with tendency to cooler temperature than usual, for the season. Warmer on 3d, with full moon to strengthen minor storms, 3d and 4th. Cooler after wave will follow after storm conditions finally pass away. Warmer on 14th and 15th, when minor storms will bring rain, wind and thunder, followed by mild days and sharp, frosty nights, northward. A warm wave will develop in the west and pass eastward, during second regular storm period, 20th to 23d; storms are likely to recur in cycles every 12 or 24 hours, for several days, up to and past minor storm days, 26th and 27th. The month will end very warm, with storms brewing in the west.

An asterisk indicates storm days. A dagger denotes minor storm dates.

"For Preserving Jellies and Fruits."

Use

PURE REFINED PARAFFINE WAX.

IT is perfectly tasteless, odorless, air-proof and acid-proof. When Jelly or Jam is cool, wipe off any surplus adhering to inside top of glass, then pour a layer of melted Paraffine about one-quarter of an inch thick over top of preserve, allowing it to stand until the Paraffine becomes hard—no other covering is necessary. When the preserve is to be used, loosen the Paraffine by running a knife around its edge; it can then be easily removed. Paraffine for this purpose is a saver of time as compared with the old method of sealing; it can then be remelted and used again the following year.

Jellies and Fruits sealed with Paraffine are absolutely air-tight and retain their natural and delicate flavor, and are protected against mold or insects.

Extract from a paper read by Mrs. J. S. McKemy, of Fairfield, Ia., at the Farmer's Institute, held in Fairfield, February 15th and 16th, 1899:

"I cannot forbear digressing from my subject a moment to praise the use of Paraffine in keeping our jellies and jams from moulding. Perhaps some one, like myself, may have had trouble in this direction; but Paraffine has removed all trials. When your jelly is cool, shave off a little of your Paraffine into a cup, set on back of stove and melt, then pour a little over top of jelly, care being take to cover every particle of jelly. This is an extremely nice and economical way to care for jams and jellies."

**SOLD BY ALL DEALERS
IN ONE POUND CAKES.**



Hints for Housekeepers.

If you heat your knife slightly you can cut hot bread or cake as smooth as if it were cold.

Soda is an excellent article for cleaning tinware. Apply with a damp cloth and rub dry.

Neuralgia may very often be speedily relieved by applying a cloth saturated with essence of peppermint to the seat of pain.

Pails and tubs may be kept from warping by painting them with glycerine.

To clean linoleum without washing, remove all the dust, then take a bit of flannel sprinkled with paraffine and rub the linoleum. It will not only make it appear like new, but will preserve it.

A too rapid boiling ruins the flavor of any sauce. It must boil up once, but should never do more than simmer afterward.

Don't think that water should be added to spinach to cook it. It is a mistake.

Don't fail to add a drop or two of vanilla flavoring to a pot of chocolate. It is a great improvement.—
PLAIN DEALER.

How to Mix Paints for Tints.

For Brown, mix Red and Black.

For Rose, mix Lake and White.

For Chestnut, mix White and Brown.

For Purple, mix White, Blue and Lake.

For Pearl, mix Blue and Lead Color.

For Pink, mix White and Carmine.

For Silver Gray, mix Indigo and Lamp-Black.

For Lead Color, mix White and Lamp-Black.

For Chocolate, mix Black and Venetian Red.

For Bright Green, mix White and Green.

For French White, mix Purple and White.

For Dark Green, mix Light Green and Black.

For Pea Green, mix White and Green.

For Brilliant Green, mix White and Emerald Green.

For Orange, mix Red and Yellow.

For Pearl Gray, mix White, Blue and Black.

For Flesh Color, mix White, Lake and Vermilion.

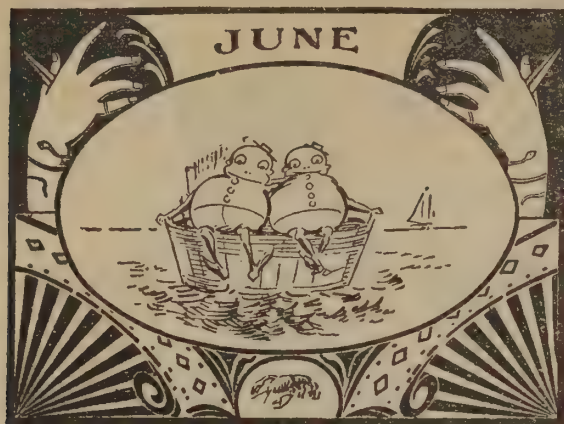
For Drab, mix Umber, White and Venetian.

For Cream, mix White, Yellow and Venetian.

For Olive, mix Red, Blue and Black.

For Buff, mix Yellow, White and a little Venetian.

STANDARD FARMERS' ALMANAC.



JUNE 1901 30 DAYS

MOON'S PHASES.

CENTRAL TIME.

	D	H	M	A M
Full Moon.....	2	3	53	A M
Last Quarter.....	9	4	0	P M
New Moon.....	16	7	33	A M
First Quarter.....	23	2	59	P M
Perigee.....	14	5	....	A M
Apogee.....	26	3	....	A M
Perigee.....	2	....	....	....
Highest.....	15	....	....	....
Lowest.....	30	....	....	....

MOON'S PHASES.

2, 9, 16, 23.

Day of Month.	Day of Week.	Day of Year.	Catholic Saints and Holy Days.	Moon's Constell'n	Latitude of Southern States.			Sun Fast.	Middle and Western States.		
					Sun Rises	Sun Sets	Moon Sets		Sun Rises	Sun Sets	Moon Sets
					C. H. M	H. M.	H. M.		M. H. M.	H. M.	H. M.
* 1	Saturday	152	Pamphilus, Priest Martyr	♏	4 53 7	2 4 18	2 4 18	2 4 34	7 22	4 0	
22	TRINITY SUNDAY.				14h 11m.			—Day's Length—			14h. 49m.
* 2	Sunday	153	Marcellinus and Peter	♏	4 52 7	3 rises	2 4 33	7 22	rises		
* 3	Monday	154	Clotildis, Queen of France	♏	4 52 7	3 8 13	2 4 33	7 23	8 31		
* 4	Tuesday	155	Francis Caracciola	♏	4 52 7	4 8 59	2 4 32	7 23	9 14		
5	Wednesday	156	Boniface, Ap. of Germany	♏	4 52 7	5 9 42	2 4 32	7 24	9 54		
† 6	Thursday	157	Corpus Christi	♏	4 52 7	5 10 22	2 4 32	7 25	10 31		
† 7	Friday	158	Robert	♏	4 51 7	5 11 0	1 4 32	7 25	11 5		
8	Saturday	159	Medardus	♏	4 51 7	6 11 36	1 4 31	7 26	11 38		
23	FIRST S. AFT. TRIN. (2nd Sun aft Pent Cath.)				14h 15m			—Day's Length—			14h 55m.
9	Sunday	160	Primus and Felician	♏	4 51 7	6 morn	1 4 31	7 26	morn		
10	Monday	161	Margaret, Queen of Scotland	♏	4 51 7	7 0 11	1 4 31	7 27	0 9		
11	Tuesday	162	Barnabas, Apostle	♏	4 51 7	7 0 49	1 4 31	7 27	0 43		
* 12	Wednesday	163	John a Sancto Facundo	♏	4 51 7	8 1 30	1 4 31	7 28	1 19		
* 13	Thursday	164	Anthony of Padua	♏	4 51 7	8 2 14	0 4 31	7 28	2 0		
* 14	Friday	165	Sacred Heart of Jesus	♏	4 51 7	8 3 2	0 4 31	7 29	2 45		
* 15	Saturday	166	Vitus, Modestus, Crescentia	♏	4 51 7	9 3 57	slow 4 31	7 29	3 37		
24	SECOND S. AFT. TRIN. (3rd Sun. aft. Pent. Cath.)				14h. 18m.			—Day's Length—			14h. 58m.
16	Sunday	167	John Francis Regis	♏	4 51 7	9 sets	0 4 31	7 29	sets		
17	Monday	168	Avitus	♏	4 51 7	10 8 15	1 4 31	7 30	8 29		
† 18	Tuesday	169	Marcus and Marcellianus	♏	4 51 7	10 9 0	1 4 31	7 30	9 12		
† 19	Wednesday	170	Juliana of Falconery	♏	4 52 7	10 9 41	1 4 31	7 31	9 49		
20	Thursday	171	Silverius	♏	4 52 7	11 10 17	1 4 31	7 31	10 22		
21	Friday	172	Aloysius Gonzaga	♏	4 52 7	11 10 51	1 4 31	7 31	10 52		
22	Saturday	173	Paulinus, Bishop of Nola	♏	4 52 7	11 11 23	2 4 31	7 31	11 20		
25	THIRD S. AFT. TRIN. (4th Sun aft. Pent. Cath.)				14h 19m.			—Day's Length—			15h. 0m.
* 23	Sunday	174	Agrippina	♏	4 52 7	11 11 53	2 4 32	7 32	11 48		
* 24	Monday	175	John the Baptist	♏	4 53 7	11 morn	2 4 32	7 32	morn		
* 25	Tuesday	176	William	♏	4 53 7	11 0 26	2 4 32	7 32	0 17		
* 26	Wednesday	177	John and Paul	♏	4 53 7	11 1 1	2 4 32	7 32	0 48		
27	Thursday	178	Crescent	♏	4 54 7	12 1 37	3 4 33	7 32	1 22		
28	Friday	179	Leo II	♏	4 54 7	12 2 17	3 4 33	7 32	1 59		
† 29	Saturday	180	Peter and Paul, Apostles	♏	4 54 7	12 3 0	3 4 34	7 32	2 40		
26	FOURTH S. AFT. TRIN. (5th Sun. aft. Pent. Cath.)				14h. 17m.			—Day's Length—			14h. 58m.
† 30	Sunday	181	Commemoration of St Paul	♏	4 55 7	12 3 46	3 4 34	7 32	3 27		

JUNE, 1901.—This month opens in the center of a storm period, with full moon on 2d, to strengthen and prolong disturbance 1st to 4th. Cooler, with clear, radiant sunshine after storms. About the 6th it will turn warmer, with cloudiness and minor storms 6th and 7th. Fair and pleasant 8th to 10th. Very warm on 11th, developing second regular storm period, 12th to 15th; during this period Vulcan and Mercury are disturbing factors, and the perturbing influence of Earth's summer solstice on the 21st, and new moon on 16th, will aggravate storm conditions, resulting in sultry heat, cloudiness, humidity, steady, drizzling rains, lightning, thunder and a prolonged spell of wet weather. Showery conditions will prevail to end of month, with continuous lightning, rain squalls, summer gusts and typical summer showers, especially in the evening, and at night, for several days. Very warm 18th and 19th, bringing energetic storms, with hot humid days and nights, culminating in a series of thunder showers, which will arise each evening for several days. The last regular storm period, 23d to 26th, will develop stifling heat, and storms of considerable energy, many of the cloud-burst order. After minor storms, 29th and 30th, there will be some relief from clammy heat, resulting in pleasant and more settled weather.

An asterisk indicates storm days. A dagger denotes minor storm dates.

"How to Get the Best Results with Gasoline Stoves."

HOUSEKEEPERS would avoid the annoyance incident to the use of inferior and unreliable stove gasoline by insisting on the dealer supplying them with

RED CROWN BRAND DEODORIZED STOVE GASOLINE.

It is offered to housekeepers as being the best gasoline that modern science can produce for use in vapor stoves.

It is the finished product of many years of study and experience.

It is absolutely free from odor—smokeless.

Its use will avoid the serious annoyance by the presence of oil or other tarry substances liable to be encountered in other brands of so-called Stove Gasoline in the market.

MOTHER—"Charlie, take out that filthy thing from your mouth."

BOY—"Mother, I'd like to know what you think a cigarette is made of."

MOTHER—"A roll of pizen with a flame at one end and a fool at the other."

Poverty and hardship have been the great schoolmasters of the race, and have forced into prominence many a man who would otherwise have remained unknown.

Capacities of Cisterns—For a circular cistern, take the diam. in feet, square that and multiply by .785398; that gives the area in feet; multiply this by 1.728 and divide by 231, and you will have the number of gallons capacity of one foot in depth of the cistern; from this calculate the depth.

If for a square cistern, multiply length by breadth, and proceed to multiply the result by 1.728 and to divide by 231, as before. Calculated in this way we find that each foot in depth of a

Circular Cistern.	Bbls.	Square Cistern.	Bbls.
5 ft. in diam. holds	4.66	5 ft. by 5 ft. holds	5.92
6 ft. in diam. holds	6.71	6 ft. by 6 ft. holds	8.54
7 ft. in diam. holds	9.13	7 ft. by 7 ft. holds	11.63
8 ft. in diam. holds	11.93	8 ft. by 8 ft. holds	15.19
9 ft. in diam. holds	15.10	9 ft. by 9 ft. holds	19.39
10 ft. in diam. holds	18.65	10 ft. by 10 ft. holds	23.74

In calculating the capacity of cisterns, etc., $31\frac{1}{2}$ gals. are estimated to 1 bbl., and 63 gals. to 1 hogshead.

Cheap and Simple Barometer—Dissolve some camphor in alcohol and throw into the solution some soda. The camphor precipitates in snowy flakes, which are preserved by passing the mixture through a filter; they are then collected and put into a vial containing a saturated solution of camphor (in strong alcohol). The vial is then tightly corked and placed where it will not be disturbed, where it will prove an unerring index of the weather. In fine weather the precipitate rests on the bottom, but on the approach of a storm it will rise to the surface with a tendency to the quarter opposite to that from which the storm is coming, the flakes being affected electrically.

STANDARD FARMERS' ALMANAC.



JULY

1901

31 DAYS

MOON'S PHASES.

Full Moon.....	1	5	17	P	M
Last Quarter.....	8	9	20	P	M
New Moon.....	15	4	10	P	M
First Quarter.....	23	7	58	A	M
Full Moon.....	31	4	34	A	M

CENTRAL TIME

Perigee.....	11	6	....	P	M
Apogee.....	23	9	....	P	M
Highest.....	13	...	...	...	...
Lowest.....	27	...	...	...	...

MOON'S PHASES.

1, 8, 15, 23, 31.

Day of Month.	Day of Week.	Day of Year.	Catholic Saints and Holy Days.	Moon's Constell'n	Latitude of Southern States.			Sun Slow.	Middle and Western States.						
					Sun Rises	Sun Sets	Moon Rises		Sun Rises	Sun Sets	Moon Rises				
					C.	H.	M.		H.	M.	H.	M.	H.	M.	
1	Monday	182	Octave of St. John, Baptist	♏	4	55	7	12	rises	3	4	35	7	32	rises
2	Tuesday	183	Visitation of B. V. Mary	♏	4	55	7	12	7 42	4	4	35	7	32	7 55
3	Wednesday	184	Eulogius and Companions	♏	4	56	7	12	8 23	4	4	36	7	31	8 33
4	Thursday	185	Flavian, Bishop of Antioch	♏	4	56	7	12	9 1	4	4	36	7	31	9 8
* 5	Friday	186	Athanasius, Deacon Martyr	♏	4	57	7	11	9 38	4	4	37	7	31	9 41
* 6	Saturday	187	Octave of Peter and Paul	♏	4	57	7	11	10 14	4	4	38	7	31	10 14
27) FIFTH S. AFT. TRIN. (6th Sun. aft. Pent. Cath.)					14h. 13m.			—Day's Length—			14h. 53m.				
* 7	Sunday	188	Benedict XI	♏	4	58	7	11	10 51	5	3	38	7	31	10 46
* 8	Monday	189	Elizabeth, Queen of Portugal	♏	4	58	7	11	11 29	5	4	39	7	30	11 21
9	Tuesday	190	Holy Martyrs of Gorcum	♏	4	59	7	11	morn	5	4	39	7	30	11 57
10	Wednesday	191	The Seven Brethern—Rufina	♏	4	59	7	10	0 10	5	4	40	7	30	morn
† 11	Thursday	192	Pius I	♏	4	59	7	10	0 55	5	4	41	7	30	0 39
† 12	Friday	193	John Gualbert	♏	5	0	7	10	1 47	5	4	41	7	29	1 28
13	Saturday	194	Anacletus	♏	5	1	7	9	2 42	5	4	42	7	29	2 23
28) SIXTH S. AFT. TRIN. (7th Sun. aft. Pent. Cath.)					14h. 8m.			—Day's Length—			14h. 46m.				
14	Sunday	195	Buonaventure	♏	5	1	7	9	3 44	6	4	42	7	28	3 24
15	Monday	196	Henry, Emperor of Germany	♏	5	2	7	9	sets	6	4	43	7	28	sets
* 16	Tuesday	197	B. V. Mary of Mt. Carmel	♏	5	3	7	8	7 36	6	4	44	7	27	7 46
* 17	Wednesday	198	Alexius, Confessor	♏	5	3	7	8	8 15	6	4	45	7	27	8 21
* 18	Thursday	199	Camillus of Lellis	♏	5	4	7	8	8 49	6	4	45	7	26	8 52
* 19	Friday	200	Vincent of Paula	♏	5	5	7	7	9 22	6	4	46	7	26	9 22
20	Saturday	201	Jerome Æmilianus	♏	5	5	7	7	9 54	6	4	47	7	25	9 50
29) SEVENTH S. AFT. TRIN. (8th Sun. aft. Pent. Cath.)					14h. 0m.			—Day's Length—			14h. 36m.				
21	Sunday	202	Praxedes	♏	5	6	7	6	10 26	6	4	48	7	24	10 18
† 22	Monday	203	Mary Magdalen	♏	5	7	7	5	10 59	6	4	49	7	23	10 48
† 23	Tuesday	204	Apollinaris	♏	5	7	7	5	11 34	6	4	50	7	23	11 20
24	Wednesday	205	Commemoration of Christina	♏	5	8	7	4	morn	6	4	51	7	22	11 55
25	Thursday	206	James, Apostle	♏	5	8	7	4	0 12	6	4	52	7	21	morn
26	Friday	207	Ann, Mother of B. V. Mary	♏	5	9	7	3	0 55	6	4	53	7	20	0 36
27	Saturday	208	Pantaleon, Martyr	♏	5	10	7	2	1 41	6	4	54	7	19	1 22
30) EIGHTH S. AFT. TRIN. (9th Sun. aft. Pent. Cath.)					13h. 52m.			—Day's Length—			14h. 24m.				
* 28	Sunday	209	Nazarius, Celsus and Victor	♏	5	10	7	2	2 32	6	4	54	7	18	2 13
* 29	Monday	210	Martha	♏	5	11	7	1	3 26	6	4	55	7	17	3 8
* 30	Tuesday	211	Abdon and Sennen	♏	5	12	7	0	4 24	6	4	56	7	16	4 8
* 31	Wednesday	212	Ignatius, Founder Soc. Jesus	♏	5	12	6	59	rises	6	4	57	7	15	rises

JULY, 1901.—Clear skies and bright sunshine, the opening days of this month; very warm and cloudy about the 4th, developing first regular storm period, 5th to 8th; hot southerly winds will prevail, heavy rains over small areas, summer thunder storms and much bluster generally. The summer solstice continues its disturbing influence through this month, and as a result we may expect storms of considerable energy, many of the cloud-burst order. Fair weather, with increasing warmth between storm periods; balmy summer nights, and a soft mist in the early morning, veiling the almost brilliant sunshine. Minor storms 11th and 12th. The second regular storm period, 16th to 19th, will bring excessive heat, until it culminates in electrical storms. Minor storms, 22d and 23d, excited above normal by Mercury, Venus and moon's first quarter; fierce thunder storms will sweep down from the northwest, with frequent and vivid flashes of lightning. The hottest days of summer will occur during last half of month; clammy heat and murky heaviness will make respiration difficult, and exertion almost impossible. The last regular storm period, 28th to 31st; threatening black clouds with gusts of wind, vivid lightning, and thunder will come out of the northwest.

An asterisk indicates storm days. A dagger denotes minor storm dates.

"Prevents Waste of Power in Preventing Slipping of Belts."

EUREKA BELT OIL

IS UNDOUBTEDLY the most superior belt oil and leather preservative in the market; preserves the elasticity and prevents slipping of belts; it obviates the necessity of coating the belt with resin or soap, which secures only a temporary relief and tends to destroy the belting. It is free from gum, resin, tar, alkali, acid, or any ingredient injurious to leather. Put up in one-gallon and five-gallon cans, cased.

DIRECTIONS FOR USING:—Belts should be thoroughly cleaned with a scraper or cloth before applying the dressing. It can be applied evenly with a swab or brush.

Why is a short person like an entertaining book? Because he is often looked over.

United States Postal Regulations.

FIRST-CLASS MAIL MATTER—Letters—This class includes letters, and anything which postmaster cannot ascertain the contents without destroying the wrapper, or anything unsealed which may be wholly or partly in writing—except manuscript for publication accompanied by proof sheets. Postage, two cents each ounce or for each fraction above an ounce. On local or drop letters, at free delivery offices, two cents. At offices where no free delivery by carriers, one cent. Registration fee 8 cents in addition to regular postage.

SECOND-CLASS—Regular Publications—Includes all newspapers, periodicals, or matter exclusively in print and regularly issued at stated periods from a known office of publication or news agency. Postage, one cent a pound or fraction thereof.

THIRD-CLASS—Miscellaneous Printed Matter—Transient newspapers and periodicals, one cent for each four ounces or fraction thereof. Mailable matter of third class includes printed books, circulars or other matter wholly in print (not of the second class), proof sheets and manuscript accompanying same and postage shall be paid at the rate of one cent for each two ounces or fractional part thereof, and shall fully be prepaid by postage stamps affixed to said matter.

All packages of matter of the third class must be so wrapped or enveloped that their contents may be readily and thoroughly examined by postmasters without destroying the wrappers.

FOURTH-CLASS—Merchandise, Samples, etc.—Mailable matter of the fourth class includes all matter not embraced in the first, second or third classes, which is not in its form or nature liable to destroy, deface or

otherwise damage the contents of the mailbag, or harm the person of any one engaged in the postal service.

All matter of the fourth-class is subject to a postage charge at the rate of one cent an ounce or fraction thereof, to be paid by stamps affixed.

POSTAL CARDS—Postal cards are sold at a fixed rate of one cent (and two cents for foreign) each in any quantity. Unclaimed postal cards are never returned to the writer. Anything pasted on or attached to a postal card subjects it to letter postage.

MONEY ORDERS—Orders not over \$10, 8c; \$10 to \$15, 10c; \$15 to \$30, 15c; \$30 to \$40, 20c; \$40 to \$50, 25c; \$50 to \$60, 30c; \$60 to \$70, 35c; \$70 to \$80, 40c; \$80 to \$100, 45c.

FOREIGN POSTAGE—Canada—Letters, 2c; and 5c on all letters to all countries belonging to the "Universal Postal Union."

To Make Boots Water-Proof.

Beef tallow, 4 ounces; resin, 1 ounce; bees-wax, 1 ounce; melt together. Add, when cold, a quantity of neat's-foot oil equal to the mass. Apply with a rag, warming the boots before a fire, to the soles as well as uppers, and rub in well with the hand. Two applications will make the boots thoroughly water-proof and still keep them soft. We, however, do not approve of such preparations, as the feet generally perspire more than any other portion of the body, and any water-proof preparations applied to boots prevent the perspiration from escaping, and keep the feet wet and cold. The New England fishermen preserve their boots water-proof by this method, which, it is said, has been in use among them above a hundred years.

STANDARD FARMERS' ALMANAC.



AUGUST 1901 31 DAYS

MOON'S PHASES.

	D	H	M	
Last Quarter.....	7	2	2	A M
New Moon.....	14	2	27	A M
First Quarter.....	22	1	52	A M
Full Moon.....	29	2	21	P M
Perigee.....	6	2	....	A M
Apogee.....	20	4	....	P M
Highest.....	9	☾	....	....
Lowest.....	23	☾	....	....

MOON'S PHASES.

☾ 7, ☼ 14, ☾ 22, ☼ 29.

Day of Month.	Day of Week.	Day of Year.	Catholic Saints and Holy Days.	Moon's Constell'n	Latitude of Southern States.			Sun Slow.	Middle and Western States.		
					Sun Rises	Sun Sets	Moon Rises		Sun Rises	Sun Sets	Moon Rises
					C. H. M.	H. M.	H. M.		C. H. M.	H. M.	H. M.
1	Thursday	213	Peter's chains	♈	5 13 6 58	7 37	6 4 58	7 14	7 42		
2	Friday	214	Stephen, Pope and Martyr	♈	5 14 6 57	8 15	6 4 58	7 13	8 16		
† 3	Saturday	215	Finding Relics of St. Stephen	♈	5 14 6 57	8 53	6 4 59	7 12	8 50		
31) NINTH S. AFT. TRIN. (10th Sun. aft. Pent. Cath.)					13h. 41 m.	—Day's Length—			14h. 11m.		
† 4	Sunday	216	Dominick, Confessor	♈	5 15 6 56	9 30	6 5 0	7 11	9 23		
5	Monday	217	Dedication St. Mary at Nives	♈	5 16 6 55	10 11	6 5 1	7 10	10 0		
6	Tuesday	218	Transfiguration of our Lord	♈	5 16 6 54	10 55	6 5 2	7 9	10 40		
7	Wednesday	219	Cajetan	♈	5 17 6 53	11 44	6 5 3	7 8	11 26		
* 8	Thursday	220	Cyriacus, Largus, Smaragdus	♈	5 18 6 52	morn	5 5 4	7 7	morn		
* 9	Friday	221	Commemoration of Romanus	♈	5 19 6 52	0 37	5 5 5	7 6	0 17		
* 10	Saturday	222	Laurence, Martyr	♈	5 19 6 51	1 34	5 5 6	7 5	1 15		
32) TENTH S. AFT. TRIN. (11th Sun. aft. Pent. Cath.)					13h. 30m.	—Day's Length—			13h. 56m.		
* 11	Sunday	223	Tiburtius and Susanna	♈	5 20 6 50	2 34	5 5 7	7 3	2 16		
12	Monday	224	Clara	♈	5 21 6 49	3 36	5 5 8	7 2	3 20		
13	Tuesday	225	Hypolitus and Cassianus	♈	5 21 6 48	4 38	5 5 9	7 0	4 25		
† 14	Wednesday	226	Commemoration Eusebius	♈	5 22 6 47	sets	5 5 10	6 59	sets		
† 15	Thursday	227	Assumption of B. V. Mary	♈	5 23 6 45	7 21	4 5 11	6 58	7 22		
16	Friday	228	Hyacinth	♈	5 24 6 44	7 54	4 5 12	6 56	7 51		
17	Saturday	229	Octave of Laurence	♈	5 24 6 43	8 26	4 5 13	6 55	8 20		
33) ELEVENTH S. AFT. TRIN. (12th Sun. aft. Pent. Cath.)					13h. 17m.	—Day's Length—			13h. 39m.		
18	Sunday	230	Joachim, Father of B. V. Mary	♈	5 25 6 42	8 59	4 5 14	6 53	8 49		
19	Monday	231	Louis, Bishop of Flosa	♈	5 26 6 41	9 33	4 5 15	6 52	9 20		
* 20	Tuesday	232	Bernard, Ab. of Clairvaux	♈	5 26 6 40	10 10	3 5 16	6 51	9 54		
* 21	Wednesday	233	Jane Frances Fremoit de	♈	5 27 6 39	10 49	3 5 17	6 49	10 32		
* 22	Thursday	234	Octave Assumption [Chantel]	♈	5 27 6 38	11 33	3 5 18	6 48	11 14		
* 23	Friday	235	Philip Beniti [B. V. Mary]	♈	5 28 6 36	morn	3 5 19	6 46	morn		
24	Saturday	236	Bartholomew, Apostle	♈	5 29 6 35	0 22	2 5 20	6 45	0 3		
34) TWELTH S. AFT. TRIN. (13th Sun. aft. Pent. Cath.)					13h. 4m.	—Day's Length—			13h. 23m.		
25	Sunday	237	Louis, King of France	♈	5 30 6 34	1 14	2 5 21	6 44	0 55		
† 26	Monday	238	Zephirinus	♈	5 30 6 33	2 11	2 5 22	6 42	1 54		
† 27	Tuesday	239	Joseph Calasanctus	♈	5 31 6 32	3 10	1 5 22	6 41	2 56		
28	Wednesday	240	Augustine	♈	5 31 6 30	4 12	1 5 23	6 39	4 1		
29	Thursday	241	Decollation of St. John Bapt.	♈	5 32 6 29	rises	1 5 24	6 38	rises		
30	Friday	242	Rose of Lima	♈	5 33 6 28	6 49	1 5 25	6 36	6 47		
* 31	Saturday	243	Raymundus Nonnatus	♈	5 33 6 27	7 28	0 5 26	6 35	7 23		

AUGUST, 1901.—The closing storm period of July will wind up along the eastern coast about the 1st, leaving fair, pleasant weather. A warm wave will develop in the west about the 3d, moving eastward; very black and highly electrical clouds will appear in some localities, with heavy gusts of wind and local showers. A partial change to cooler after storms cease, but quick return to very warm during first regular storm period, 8th to 11th; blustering clouds, with local summer showers will appear in some regions. Calm, silent, luminous heat will prevail for several days up to minor storm period, 14th and 15th, perturbed by new moon on 14th; heavy clouds, massing quickly, will grow dark, ponderous and threatening and bring rains in spots, but will generally pass away without precipitation. A general shortness of moisture, amounting to a drought, will prevail during last half of month, especially in the northwest and western states. The second regular storm period, 20th to 23d, will feel the perturbing influence of Earth's autumnal equinox; West India cyclones and hurricanes will probably sweep our southern coast and eastern seaboard. Minor storms, 26th and 27th. The month will end warm, with brilliant sunshine.

An asterisk indicates storm days. A dagger denotes minor storm dates.

Household Uses of Paraffine Wax.



It is a perfect dirt cleanser.

It saves rubbing and scrubbing.

It gives refreshing whiteness to linen and wash fabrics.

It keeps irons smooth, bright and clean.

IN THE WASH-ROOM.

By adding a little Paraffine to the hot water, a family washing can be done in about half the usual time. Paraffine gives to linens and all wash goods a refreshing whiteness and sweetness. It will not injure the most delicate fabrics.

Directions:—About one-half teacupful Paraffine shavings to one ordinary bar of washing soap, both dissolved in a little hot water, is sufficient for one boiler of washing. Pour the mixture when dissolved into boiler of boiling hot water used for washing. (Best results secured by dipping clothes in cold water, then wringing them out before putting into boiler.) Boil clothes twenty to thirty minutes. Using Paraffine as above will save the necessity of hard rubbing and scrubbing; then all that is required to have beautiful white clothes is the usual sudsing, rinsing thoroughly and blueing.

IN THE LAUNDRY.

Irons are kept smooth, bright and clean by rubbing them gently on a piece of Paraffine covered with muslin. A teaspoonful of Pure Refined Paraffine shavings mixed with the hot starch insures that desirable lustre and finish to linen.

For Sale in One Pound Cakes by All Dealers.

Ironing Shirt Waists.

When ironing a colored waist, either of silk or cotton fabric, one should not use too hot an iron, and yet it must be hot enough to iron smoothly, without blistering or sticking to the starch. An overheated iron injures bright colors as much as do hot water and poor soap. In ironing a silk waist place a piece of cheese-cloth over the garment, and iron as any ordinary article. By doing this the natural appearance of the silk is preserved, and this would be impossible if the irons were brought in direct contact with it.—Fannie Malin in the March WOMAN'S HOME COMPANION.

Wedding Anniversaries.

The First anniversary is called the Cotton wedding.
The Second, the Paper wedding.
The Third, the Leather wedding.
The Fifth, the Wooden wedding.
The Seventh, the Woolen wedding.
The Tenth, the Tin wedding.
The Twelfth, the Silk and Fine Linen wedding.
The Fifteenth, the Crystal (glass) wedding.
The Twentieth, the China Wedding.
The Twenty-fifth, the Silver wedding.
The Fiftieth, the Golden wedding.
The Seventy-fifth, the Diamond wedding.

STANDARD FARMERS' ALMANAC.



SEPTEMBER 1901 30 DAYS

MOON'S PHASES.

CENTRAL TIME.

	D	H	M	
Last Quarter.....	5	7	27	AM
New Moon.....	12	3	18	PM
First Quarter.....	20	7	33	PM
Full Moon.....	27	11	36	PM
Perigee.....	1	1	....	PM
Apogee.....	17	11	....	AM
Perigee.....	29	0	....	PM
Highest.....	5	....	....	....
Lowest.....	20	....	....	....

MOON'S PHASES.

5, 12, 20, 27.

Day of Month.	Day of Week.	Day of Year.	Catholic Saints and Holy Days.	Moon's Constell'n	Latitude of Southern States.			Sun Fast.	Middle and Western States.		
					Sun Rises	Sun Sets	Moon Rises	Sun Fast.	Sun Rises	Sun Sets	Moon Rises
					C. H. M.	H. M.	H. M.	M.	H. M.	H. M.	H. M.
35) THIRTEENTH SUN. AFT. TRIN. (14th Sun. aft. Pent. Cath.)					12h. 51m. —Day's Length—			13h. 6m.			
* 1	Sunday	244	Giles, Abbot	♋	5 34	6 25	8 10	0 5	27 6	33 8	0
* 2	Monday	245	Stephen, King of Hungary	♋	5 35	6 24	8 53	0 5	28 6	32 8	39
* 3	Tuesday	246	Simon Stylites	♋	5 35	6 23	9 40	1 5	29 6	30 9	24
* 4	Wednesday	247	Rosalie	♋	5 36	6 21	10 33	1 5	30 6	28 10	14
5	Thursday	248	Laurence Justinian	♋	5 37	6 20	11 30	1 5	31 6	27 11	10
† 6	Friday	249	Oneciphorus	♋	5 37	6 19	morn	2 5	32 6	25	morn
† 7	Saturday	250	Regina	♋	5 38	6 17	0 29	2 5	33 6	24	0 10
36) FOURTEENTH SUN. AFT. TRIN. (15th Sun. aft. Pent. Cath.)					12h. 38m. —Day's Length—			12h. 48m.			
8	Sunday	251	Nativity of B. V. Mary	♋	5 38	6 16	1 29	2 5	34 6	22 1	12
9	Monday	252	Gorgonius	♋	5 39	6 15	2 29	3 5	35 6	20 2	16
10	Tuesday	253	Nicholas Tolentinus	♋	5 40	6 13	3 29	3 5	36 6	19 3	18
11	Wednesday	254	Protus and Hyacinth	♋	5 40	6 12	4 27	3 5	36 6	17 4	21
* 12	Thursday	255	Juventus	♋	5 41	6 11	5 24	4 5	37 6	16 5	21
* 13	Friday	256	Amatus, Abbot	♋	5 42	6 9	sets	4 5	38 6	14	sets
* 14	Saturday	257	Exaltation of the Holy Cross	♋	5 43	6 8	6 58	4 5	39 6	12 6	50
37) FIFTEENTH SUN. AFT. TRIN. (16th Sun. aft. Pent. Cath.)					12h. 24m. —Day's Length—			12h. 31m.			
* 15	Sunday	258	Holy Name of Mary	♋	5 43	6 7	7 33	5 5	40 6	11 7	22
16	Monday	259	Cornelius and Cyprian	♋	5 44	6 5	8 9	5 5	41 6	9 7	55
17	Tuesday	260	Holy Stigmas of St. Francis	♋	5 44	6 4	8 47	5 5	42 6	8 8	30
18	Wednesday	261	Ember Day	♋	5 45	6 3	9 28	6 5	43 6	6 9	10
† 19	Thursday	262	Jannarius and Companions	♋	5 46	6 2	10 14	6 5	44 6	4 9	55
† 20	Friday	263	Eusnachus and Companions	♋	5 46	6 0	11 4	6 5	45 6	2 10	45
21	Saturday	264	Matthew, Ap and Evangelist	♋	5 47	5 59	11 58	7 5	46 6	1 11	40
38) SIXTEENTH SUN. AFT. TRIN. (17th Sun. aft. Pent. Cath.)					12h. 10m. —Day's Length—			12h. 12m.			
22	Sunday	265	Seven Dolors of B.V. Mary	♋	5 48	5 58	morn	7 5	47 5	59	morn
* 23	Monday	266	Linus, Pope and Martyr	♋	5 48	5 56	0 54	8 5	48 5	57 0	38
* 24	Tuesday	267	Our Lady of Ransom	♋	5 49	5 55	1 53	8 5	49 5	55 1	40
* 25	Wednesday	268	Clœphas, Martyr	♋	5 50	5 53	2 54	8 5	50 5	54 2	46
* 26	Thursday	269	Cyprian and Justina	♋	5 50	5 52	4 0	9 5	51 5	52 3	55
27	Friday	270	Cosmus and Damian	♋	5 51	5 51	5 6	9 5	52 5	51 5	6
28	Saturday	271	Mincelous, Duke of Bohemia	♋	5 52	5 49	rises	9 5	53 5	49	rises
39) SEVENTEENTH SUN. AFT. TRIN. (18th Sun. aft. Pent. Cath.)					11h. 56m. —Day's Length—			11h. 53m.			
29	Sunday	272	Michael the Archangel	♋	5 52	5 48	6 48	10 5	54 5	47 6	36
† 30	Monday	273	Jerome	♋	5 53	5 47	7 35	10 5	55 5	46 7	19

SEPTEMBER, 1901.—The soft, hazy heat of the last days of August will turn to hot, sticky weather and develop first regular storm period, 1st to 4th; cloudiness, rain, hail and thunder will appear in many places. Prompt change to cooler and bright sunshine when storms cease. Very hot 5th to 7th, with thick, heavy, humid atmosphere hanging close to the earth, resulting in drizzling rains, generally, and sleet in the northwest. Mild, mellow autumn weather will prevail after storms, 8th to 11th. The second regular storm period, 12th to 15th, will be aggravated by Vulcan, Mercury, Earth's equinox and new moon on 12th. Equinoctial disturbances, such as tropical hurricanes, cyclones, violent gales and high tides, may strike our Atlantic coast; on the northern lakes and in the northwest violent storms of rain, turning to sleet and blizzards, will end in a cold wave, spreading southward. Cool, bright, cloudless days between storm periods, growing warmer, with many minor disturbances 19th and 20th. The last regular storm period, 23d to 26th, will bring heavy rains and violent gales. Much colder after storms, with a general frost that will tingle the foliage of the trees with a touch of autumnal coloring. The month will close warm, with storms brewing.

An asterisk indicates storm days. A dagger denotes minor storm dates.

"There is Economy in Protecting Machinery from Rust and Corrosion."

ANTI-RUST GREASE.

THIS is an absolutely pure petroleum product, manufactured from the richest properties of the oil. It is used on the finest and most delicate machinery, and has been pronounced the most satisfactory article ever offered in the market.

Positively prevents rust and corrosion.

Dampness, rain or snow will not affect machinery if coated with Anti-Rust Grease.

Machinery not in use should be thoroughly coated with Anti-Rust Grease. A thin coat will answer all purposes. Apply with brush or swab.

Put up in 25 lb. and 50 lb. tins and $\frac{1}{2}$ barrels and barrels.

"The Right Oil for Use in Winter Time."

POLAR WIND MILL OIL.

A MOST suitable oil for lubrication of wind mills and other machinery exposed to very low temperatures. Will not congeal at 5 degrees above zero; always liquid; will not gum. A light-colored oil of great durability, and possesses lubricating properties of the highest degree.

An oil of general utility; will lubricate a sewing machine or bicycle, as well as all classes of light farm machinery.

Put up in gallon and five-gallon cans.

At the County Fair—Among other attractive features of this great fair there will be highly amusing horse, donkey and pig races; competition in these three contests open to citizens of the county only.

What is worse than "raining cats and dogs?" Hailing omnibuses.

The Useful Toad—That the toad is beneficial to the farmer, and particularly to the gardener, is admitted by every one who has observed its habits. Additional facts have been secured by recent observations at the Massachusetts Experiment Station, which show the toad's food is composed of insects and spiders, about 80 per cent. of which are directly injurious to cultivated crops, or in other ways obnoxious to man.

The toad feeds on worms, snails, sow bugs, common greenhouse pests and the many-legged worms which damage greenhouse and garden plots. It feeds to some extent on grasshoppers and crickets, and destroys large numbers of ants. It consumes a considerable number of May beetles, rose chasers, click beetles or adults of the wireworm, potato beetles and cucumber beetles. It is a prime destroyer of cut worms and army worms.

To all agriculturists the toad renders conspicuous service, but the gardeners and greenhouse owners may make this animal of especial value. Every gardener should aim to keep a colony of toads among his growing crops, and the practice of collecting and transferring them to the gardens is a commendable one.—AMERICAN AGRICULTURIST.

Electricity Cured Him—A Pennsylvania gentleman owned a horse that would have been very valuable but for what seemed an ineradicable vice of balking. A friend suggested that electricity might cure him.

The gentleman purchased a small storage battery, connected it by wires to the bit and crupper, and placed it in the cart to which the horse was attached. As was anticipated, the horse refused to move, and stood with all four feet braced.

Then the owner touched the button connected with the battery. When the horse felt the shock he snorted, jumped, and began to move off at a lively pace. Every day for a week he was treated to the same lesson. As a result, his owner declares that the horse is completely cured of his evil ways.

The West Pennsylvania Humane Society, which investigated the gentleman's method, came to the conclusion that a small amount of electricity used in this way was more humane than a whip.—EX.

STANDARD FARMERS' ALMANAC.



OCTOBER 1901 31 DAYS

MOON'S PHASES.				CENTRAL TIME.			
	D	H	M				
Last Quarter	4	2	52	P	M		
New Moon.....	12	7	11	A	M		
First Quarter.....	20	11	57	A	M		
Full Moon.....	27	9	6	A	M		
Apogee.....	15	1	.....	A	M		
Perigee.....	27	9	.....	P	M		
Highest.....	3	.....	.....				
Lowest.....	17	.....	.....				
Highest.....	30	.....	.....				

MOON'S PHASES.

☾ 4, ☉ 12, ☾ 20, ☺ 27.

Day of Month.	Day of Week.	Day of Year.	Catholic Saints and Holy Days.	Moon's Constell'n	Latitude of Southern States.			Sun Fast.	Middle and Western States.		
					Sun Rises	Sun Sets	Moon Rises		Sun Rises	Sun Sets	Moon Rises
					C. H. M.	H. M.	H. M.		H. M.	H. M.	H. M.
† 1	Tuesday	274	Remigius, Bishop of Rheims	♊	5 54	5 45	8 27	10 5	56 5	44 8	9 9
2	Wednesday	275	The Holy Guardian Angels	♊	5 54	5 44	9 23	11 5	57 5	43 9	4 4
3	Thursday	276	Candidus	♊	5 55	5 43	10 23	11 5	58 5	41 10	4 4
4	Friday	277	Francis of Assisium	♊	5 56	5 42	11 23	11 5	59 5	39 11	6 6
* 5	Saturday	278	Placidus and Companions	♊	5 56	5 40	morn	11 6	0 5	38	morn
40) EIGHTEENTH SUN. AFTER TRIN. (19th Sun. after Pent. Cath.) 11h. 42m. —Day's Length— 11h. 35m.											
* 6	Sunday	279	Holy Rosary of B. V. Mary	♊	5 57	5 39	0 24	12 6	1 5	36	0 9
* 7	Monday	280	Mark, Pope and Confessor	♊	5 58	5 38	1 24	12 6	2 5	35	1 13
* 8	Tuesday	281	Bridget, Widow	♊	5 59	5 36	2 23	12 6	3 5	33	2 15
9	Wednesday	282	Denis, Rusticus, Eleutherius	♊	6 0	5 35	3 20	13 6	4 5	31	3 16
10	Thursday	283	Francis Borgia	♊	6 0	5 34	4 15	13 6	5 5	30	4 15
† 11	Friday	284	Germanus, Canice	♊	6 1	5 33	5 9	13 6	6 5	28	5 11
† 12	Saturday	285	Wilford	♊	6 2	5 31	sets	13 6	7 5	27	sets
41) NINETEENTH SUNDAY AFTER TRIN. (20th Sun. after Pent. Cath.) 11h. 28m. —Day's Length— 11h. 17m.											
13	Sunday	286	Edward, King of England,	♊	6 2	5 30	6 8	14 6	8 5	25	5 54
14	Monday	287	Calistus [Confessor]	♊	6 3	5 29	6 46	14 6	9 5	23	6 30
15	Tuesday	288	Teresa	♊	6 4	5 28	7 27	14 6	10 5	22	7 9
* 16	Wednesday	289	Lullus, Bishop of Mentz	♊	6 5	5 26	8 11	14 6	11 5	20	7 52
* 17	Thursday	290	Hedwiges, Widow	♊	6 5	5 25	8 58	15 6	12 5	19	8 39
* 18	Friday	291	Luke, the Evangelist	♊	6 6	5 24	9 48	15 6	13 5	17	9 30
* 19	Saturday	292	Peter of Alcantara	♊	6 7	5 23	10 43	15 6	14 5	16	10 26
42) TWENTIETH SUN. AFTER TRIN. (21st. Sun. after Pent. Cath.) 11h. 14m. —Day's Length— 10h. 59m.											
20	Sunday	293	John Cantius	♊	6 8	5 22	11 40	15 6	15 5	14	11 26
21	Monday	294	Hilarian	♊	6 8	5 21	morn	15 6	17 5	13	morn
† 22	Tuesday	295	Mark, B. of Jerusalem	♊	6 9	5 20	0 39	15 6	18 5	11	0 28
† 23	Wednesday	296	Ignatius, B. of Constantinople	♊	6 10	5 19	1 39	16 6	19 5	10	1 33
24	Thursday	297	Raphael, the Archangel	♊	6 11	5 18	2 43	16 6	20 5	9	2 41
25	Friday	298	Chrysanthus and Daria	♊	6 11	5 17	3 50	16 6	21 5	8	3 51
26	Saturday	299	Evaristus	♊	6 12	5 15	4 58	16 6	22 5	6	5 4
43) TWENTY-FIRST SUNDAY AFT. TRIN. (22nd Sun. aft. Pent. Cath.) 11h. 1m. —Day's Length— 10h. 42m.											
27	Sunday	300	Florentinus	♊	6 13	5 14	rises	16 6	23 5	5	rises
* 28	Monday	301	Simon and Jude, Apostles	♊	6 14	5 13	6 13	16 6	24 5	4	5 57
* 29	Tuesday	302	Venerable Bede, Confessor	♊	6 15	5 12	7 11	16 6	25 5	3	6 52
* 30	Wednesday	303	Serapion	♊	6 16	5 12	8 10	16 6	26 5	1	7 51
* 31	Thursday	304	Nemesius and Lucullus	♊	6 16	5 11	9 13	16 6	28 5	0	8 55

OCTOBER, 1901.—The first day of this month will be involved in minor storm disturbances; bright, cool days, with frost at night, will follow storms as they pass eastward. Warmer on 4th, developing first regular storm period, 5th to 8th; severe gales are probable, especially on the Atlantic and in the region of our great northern lakes. Clear, radiant sunshine and cool weather will appear behind storms, becoming warmer, with minor storm disturbances 11th and 12th, perturbed by new moon on 12th; bright, cloudless days and cool, crisp breezes in rear of storms. The second regular storm period, 16th to 19th, will develop storms of a tropical character in the south, commencing with thunder and lightning, and as the storms progress, a cold blast from the northwest will sweep down and culminate in stiff gales, drizzling rains, turning to sleet and snow, followed by a frost and a very cold wave. Minor storm disturbances, 22d and 23d, will bring cold, drizzling rains southward, sleet and snow northward. Bright, crisp, cool weather will prevail for several days, growing very warm about the time of full moon on 27th, developing last regular storm period, 28th to 31st.

An asterisk indicates storm days. A dagger denotes minor storm dates.



The Wear and Care of Harness

HARNESS needs a preservative! All leather has a tendency to dry out and crack if not kept oiled. Mineral Oils are superior to Neatsfoot because they are free from acids or ingredients that will become rancid.

Harness needs to be oiled frequently to preserve its pliability and strength, as well as its appearance.

Use Eureka and avoid cracking of leather or breaking of stitches.

Eureka Harness Oil is especially manufactured for oiling, blacking and preserving the leather of harness, carriage tops, and leather of all kinds. If properly cared for, there are many years' wear in well made harness; if neglected, the best made will last but a few years.

EUREKA HARNESS OIL.

It is self-evident that two bodies cannot occupy the same space at the same time, therefore, keep your harness full of oil and the water can't get in.

Be careful what oil you use. Good oil will preserve harness. Many of the so-called harness oils have no lasting properties. A good oil would preserve harness. Try Eureka in comparison with what you have been using and see the result.

Put up in quart, half gallon, gallon and five gallon cans. Full directions on each can.

Doctor—"There, Patrick, is something that will give you an appetite for your dinner."

Pat—"Faith, an' its not 'that I want. The great nade is a dinner for me appetite."

One of the greatest needs of a well-equipped stable is Eureka Harness Oil. It does the work.

Number of Trees on an Acre.

(Various distances apart each way.)

At 4 feet apart.....	2,720	At 15 feet apart.....	200
" 5 " ".....	1,749	" 18 " ".....	135
" 6 " ".....	1,200	" 20 " ".....	110
" 8 " ".....	689	" 22 " ".....	70
" 10 " ".....	480	" 30 " ".....	50
" 12 " ".....	325		

It is said that 400 acres of timber are destroyed in the United States every day in the year.

When the Nose Bleeds.—

To stop a bleeding nose, keep the patient's head thrown back and his arms raised. Hold a cold cloth or sponge to receive the blood. Press the fingers firmly on each side of the nose where it joins the upper lip. A piece of ice or a cloth wrung out of ice water may be placed at the back of the head. — April LADIES' HOME JOURNAL.

Spinisters generally will be interested in knowing that the twentieth century will have twenty-four leap years, the greatest number possible—three Februaries with five Sundays each and 380 eclipses.

STANDARD FARMERS' ALMANAC.



NOVEMBER 1901 30 DAYS

MOON'S PHASES.

CENTRAL TIME.

	D	H	M	
Last Quarter.....	3	1	24	A M
New Moon.....	11	1	34	A M
First Quarter.....	19	2	23	A M
Full Moon.....	25	7	17	P M
Apogee.....	11	6	....	A M
Perigee.....	25	10	....	A M
Lowest.....	13	....	....	....
Highest.....	26	....	....	....

MOON'S PHASES.

3, 11, 19, 25.

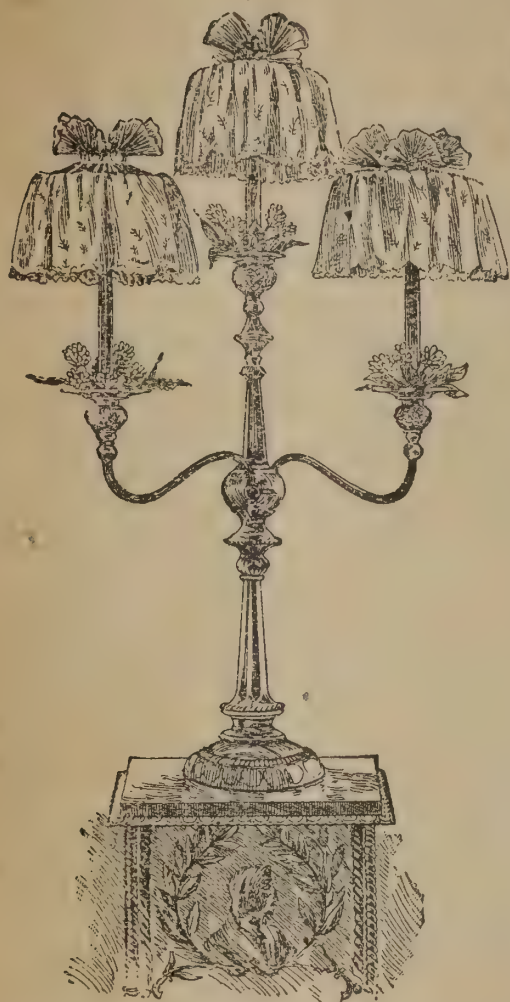
Day of Month.	Day of Week.	Day of Year.	Catholic Saints and Holy Days.	Moon's Constell'n	Latitude of Southern States.			Sun East.	Middle and Western States.		
					Sun Rises	Sun Sets	Moon Rises		Sun Rises	Sun Sets	Moon Rises
					C. H. M.	H. M.	H. M.		H. M.	H. M.	H. M.
1	Friday	305	Feast of All Saints. Departed	☐	6 17 5	10 10	16 16	16 6	29 4	58 10	0
2	Saturday	306	Comm'n. of all the Faithful	☐	6 18 5	9 11	18 18	16 6	30 4	57 11	5
44) TWENTY-SECOND SUN. AFT. TRIN. (23d Sun. aft. Pent. Cath) 10h. 49m. —Day's Length— 10h 25m.											
3	Sunday	307	Malachy, Bishop of Armagh	☐	6 19 5	8	morn	16 6	31 4	56	morn
4	Monday	308	Charles Borromeo	☐	6 20 5	7	0 16	16 6	32 4	55	0 8
5	Tuesday	309	Elizabeth, mother of John	☐	6 21 5	6	1 14	16 6	33 4	54	1 10
6	Wednesday	310	Leonard, Hermit [Baptist	☐	6 22 5	6	2 10	16 6	35 4	53	2 8
7	Thursday	311	Engelbert	☐	6 23 5	5	3 4	16 6	36 4	52	3 6
* 8	Friday	312	Octave of All Saints	☐	6 24 5	4	3 58	16 6	37 4	51	4 3
* 9	Saturday	313	Dedicat'n of Lateran Church	☐	6 25 5	3	4 51	16 6	38 4	50	4 59
45) TWENTY-THIRD SUN. AFT. TRIN. (24th Sun. aft. Pent. Cath) 10h. 36m. —Day's Length—10h. 9m.											
* 10	Sunday	314	Andrew Avellino	☐	6 26 5	2	5 48	16 6	40 4	49	5 56
* 11	Monday	315	Martin, Bishop and Confess'r	☐	6 26 5	1	sets.	16 6	41 4	48	sets
12	Tuesday	316	Martin, Pope and Martyr	☐	6 27 5	1	6 3	16 6	42 4	47	5 49
13	Wednesday	317	Didacus	☐	6 28 5	0	6 54	16 6	43 4	46	6 35
† 14	Thursday	318	Laurence, Bishop of Dublin	☐	6 29 5	0	7 45	16 6	44 4	45	7 26
† 15	Friday	319	Gertrude	☐	6 30 4	59	8 37	15 6	45 4	44	8 21
16	Saturday	320	Edmund, Josaphat	☐	6 31 4	59	9 33	15 6	46 4	43	9 18
46) TWENTY-FOURTH SUN. AFT. TRIN. (25th Sun. aft. Pent. Cath) 10h. 26m. —Day's Length—9h. 55m.											
17	Sunday	321	Gregory, Thaumaturgus	☐	6 32 4	58	10 29	15 6	47 4	42	10 17
18	Monday	322	Ded. Churches of Peter and	☐	6 33 4	58	11 26	15 6	48 4	41	11 19
19	Tuesday	323	Elizabeth, Widow [Paul	☐	6 34 4	57	morn	15 6	49 4	41	morn
* 20	Wednesday	324	Felix of Valois	☐	6 35 4	57	0 23	14 6	51 4	40	0 23
* 21	Thursday	325	Presentation of B. V. Mary	☐	6 36 4	56	1 30	14 6	52 4	40	1 30
* 22	Friday	326	Cecilia	☐	6 36 4	56	2 35	14 6	53 4	39	2 38
* 23	Saturday	327	Clement	☐	6 37 4	56	3 42	14 6	54 4	38	3 50
47) TWENTY-FIFTH SUN. AFT. TRIN. (26th Sun. aft. Pent. Cath.) 10h. 17m. —Day's Length—9h. 43m.											
24	Sunday	328	John of the Cross	☐	6 38 4	55	4 52	13 6	55 4	38	5 2
25	Monday	329	Catharine, Virgin Martyr	☐	6 39 4	55	6 1	13 6	57 4	37	6 15
† 26	Tuesday	330	Peter, Bishop of Alexandria	☐	6 40 4	55	rises	13 6	58 4	37	rises
† 27	Wednesday	331	Severinus, Hermit	☐	6 41 4	54	6 54	12 6	59 4	36	6 35
28	Thursday	332	Gregory III	☐	6 42 4	54	7 59	12 7	0 4	36	7 43
29	Friday	333	Commemoration of Saturn-	☐	6 42 4	54	9 3	12 7	1 4	36	8 50
30	Saturday	334	Andrew, Apostle [inus, Martyr	☐	6 43 4	54	10 6	11 7	2 4	35	9 55

NOVEMBER, 1901.—Opens with bright, crisp weather and a distinct sense of heavy frost in the air, and will have many of those peerless Indian summer days, which are not to be matched elsewhere in the world. Warmer, with minor storm disturbances 3d and 4th; sharp, autumnal blasts from the northwest will come down behind these disturbances. The first regular storm period, 8th to 11th, perturbed by new moon on 11th, will come in quite warm and promising an indefinite spell of fine weather, but Venus controls at this time and there will be extreme and sudden changes of temperature, accompanied with unusual magnetic and electrical disturbance, many active and some violent storms on lakes and seas; in the south, much lightning and thunder, heavy rains and probably tornadoes. Hard freezing will follow behind storms in the northwest. Minor storms 14th and 15th. The second regular storm period, 20th to 23d, will bring general rains southward, with threatening weather northward, later turning to snow. At this season severe storms will probably be raging over the great lake region, causing much distress and loss of life and property. Minor storms 26th and 27th. The month will end warm, with threatening weather.

An asterisk indicates storm days. A dagger denotes minor storm dates.

"Adds a New Charm to the Dining Room and Parlor."

CORDOVA Wax Candles.



MADE in all artistic colors, and excel in beauty any of the high priced imported candles that have been the "fad" in fashionable circles for several seasons.

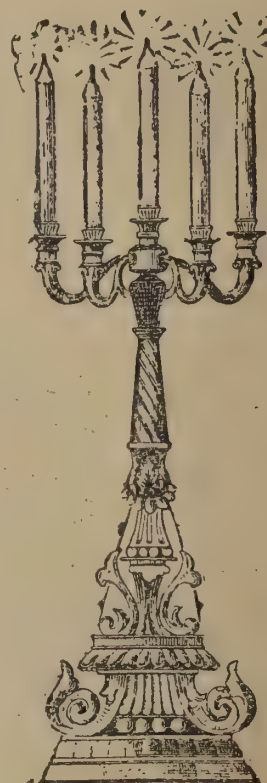
Nothing is so charming as the mellow glow of candle light at the dining table.

The merits of Cordova Wax Candles are being appreciated, and the demand is rapidly increasing.

Sold in all colors and shades to harmonize with any interior hangings or decorations.

In plain, twisted, fluted and decorated styles.

Ask your dealer for Cordova Wax Candles.



The Man Behind the Gun.

They say that life's a battle, lad, I think you'll find it true;

The same old conflict rages, tho' the weapons may be new;

But in every kind of warfare that is waged beneath the sun,

The contest is decided by the man behind the gun.

There are many hidden dangers that a soldier never sees—

Blind batteries to blast you, and sharp shooters in the trees;

And whether you will falter, or the foe will have to run,

Will depend upon the mettle of the man behind the gun.

There will come supremest moments in the battle for the right.

When the deck is cleared for action, and the foe is just in sight;

Then, oh then, you must be ready; for Manilas are not won

When a sluggard or a coward is the man behind the gun.

What tho' the foe grows boastful, and counts up his array

Of armies and of battleships to fill you with dismay—
Keep up your target practice—vict'ry's certain as the sun;

For it's not the heavy cannon—it's the man behind the gun!

—Alice Rollit Coe, in the Youth's Companion.

Just Do Your Best.

"The signs is bad when folks commence
A-findin' fault with Providence,
And balkin' 'cause the earth don't shake
At ev'ry prancin' step they take.

No man is great tel he can see
How less than little he would be
Ef stripped to self, and stark and bare
He hung his sign out anywhere.

"My doctern is to lay aside
Contentions and be satisfied;
Just do your best, and praise or blame
That follers that counts jest the same.
I've allus noticed great success
Is mixed with trouble, more or less,
And it's the man who does the best
That gits more kicks than all the rest."

STANDARD FARMERS' ALMANAC.



DECEMBER 1901 31 DAYS

MOON'S PHASES.

CENTRAL TIME.

	D	H	M	
Last Quarter	2	3	49	P M
New Moon.....	10	8	53	P M
First Quarter.	18	2	35	P M
Full Moon.....	25	6	16	A M
Apogee.	8	8	....	A M
Perigee.....	23	9	....	P M
Lowest.....	10	....	....	....
Highest.....	24	....	....	....

MOON'S PHASES.

☾ 2, ☉ 10, ☾ 18, ☺ 25.

Day of Month.	Day of Week.	Day of Year.	Catholic Saints and Holy Days.	Moon's Constell'n	Latitude of Southern States.			Sun Fast.	Middle and Western States.		
					Sun Rises	Sun Sets	Moon Rises		Sun Rises	Sun Sets	Moon Rises
					C. H. M.	H. M.	H. M.		M.	H. M.	H. M.
48) FIRST SUNDAY IN ADVENT.				10h. 10m.	—Day's Length—			9h. 32m.			
* 1	Sunday	335	Eligius, Bishop and Confes'r	♏	6 44	4 54	11 4	11 7	3 4	35	10 58
* 2	Monday	336	Bibiana	♏	6 45	4 54	morn	11 7	4 4	35	morn
* 3	Tuesday	337	Francis Xavier	♏	6 46	4 54	0 2	10 7	5 4	35	0 0
* 4	Wednesday	338	Peter Chrysologus	♏	6 47	4 54	0 59	10 7	6 4	35	0 59
* 5	Thursday	339	Sabbas	♏	6 47	4 54	1 53	9 7	7 4	34	1 57
6	Friday	340	Nicholas, Bishop of Myra	♏	6 48	4 54	2 48	9 7	8 4	34	2 55
† 7	Saturday	341	Ambrose	♏	6 49	4 54	3 42	9 7	9 4	34	3 52
49) SECOND SUNDAY IN ADVENT.				10h. 4m.	—Day's Length—			9h. 24m.			
† 8	Sunday	342	Conception of the B. V. Mary	♏	6 50	4 54	4 35	8 7	10 4	34	4 48
9	Monday	343	Leocadia	♏	6 51	4 54	5 26	8 7	11 4	34	5 41
10	Tuesday	344	Melchiades	♏	6 52	4 54	6 17	7 7	11 4	34	6 34
11	Wednesday	345	Damasius	♏	6 52	4 55	sets	7 7	12 4	34	sets
12	Thursday	346	Synesius	♏	6 53	4 55	6 33	6 7	13 4	34	6 15
* 13	Friday	347	Lucy	♏	6 54	4 55	7 27	6 7	14 4	34	7 11
* 14	Saturday	348	Spiridion	♏	6 54	4 55	8 23	5 7	14 4	35	8 10
50) THIRD SUNDAY IN ADVENT.				10h. 0m.	—Day's Length—			9h. 20m.			
* 15	Sunday	349	Solemnization of Conception	♏	6 55	4 55	9 21	5 7	15 4	35	9 11
* 16	Monday	350	Eusebius, Bishop Martyr	♏	6 56	4 56	10 19	4 7	15 4	36	10 14
17	Tuesday	351	Olympiada	♏	0 56	4 56	11 19	4 7	16 4	36	11 17
18	Wednesday	352	Ember Day	♏	6 57	4 57	morn	3 7	17 4	36	morn
† 19	Thursday	353	Timothy, Deacon and Martyr	♏	6 57	4 57	0 20	3 7	17 4	37	0 22
† 20	Friday	354	Dominick, Abbot	♏	6 58	4 58	1 24	2 7	18 4	37	1 30
21	Saturday	355	Thomas, Apostle	♏	6 58	4 58	2 30	2 7	18 4	38	2 39
51) FOURTH SUNDAY IN ADVENT.				10h. 0m.	—Day's Length—			9h. 19m.			
22	Sunday	356	Ischyron	♏	6 59	4 59	3 37	1 7	19 4	38	3 50
23	Monday	357	Victoria	♏	6 59	4 59	4 44	1 7	19 4	39	5 0
* 24	Tuesday	358	Virgil and Fast	♏	7 0	5 0	5 52	0 7	20 4	39	6 9
* 25	Wednesday	359	Nativity of our Lord	♏	7 0	5 0	rises	slow	7 20	4 40	rises
* 26	Thursday	360	Stephen, First Martyr	♏	7 1	5 1	6 41	1 7	21 4	40	6 25
* 27	Friday	361	John, Ap. and Evangelist.	♏	7 1	5 1	7 46	1 7	21 4	41	7 34
28	Saturday	362	Holy Innocents	♏	7 2	5 2	8 49	2 7	21 4	42	8 41
52) FIRST SUNDAY AFTER CHRISTMAS.				10h. 1m.	—Day's Length—			9h. 21m.			
29	Sunday	363	Thomas, Bish. of Canterbu'y	♏	7 2	5 3	9 50	2 7	21 4	42	9 45
† 30	Monday	364	Sabinus and Companions	♏	7 2	5 4	10 48	3 7	22 4	43	10 47
† 31	Tuesday	365	Sylvester, Pope	♏	7 3	5 4	11 45	3 7	22 1	43	11 48

DECEMBER, 1901.—This month makes its advent with a regular storm period, 1st to 4th; Vulcan. Mercury, Earth's solstice and moon's last quarter on 2d are disturbing factors; cold, drizzling rains, south, turning to heavy sleet and snow northward, driven by blizzarding gales, followed by a destructive cold wave. Grey-laden skies and gathering clouds threaten rain and snow for second regular storm period, 13th to 16th. This period will feel the full force of Earth's winter solstice; strong northeasterly gales will sweep the north Atlantic, heavy rains of a tropical character will visit southern extremes, turning to sleet and snow as the storms travel northward, causing western and northern blizzards, followed by great cold. Minor storms 19th and 20th, will be intensified by moon's first quarter on 18th and Earth's solstice on 21st, much storminess will prevail. The last regular storm period, 24th to 27th, will be aggravated by full moon on 25th, bringing heavy gales, snow and ice, a white Christmas and general cold wave. Minor storms on 30th and 31st, will bring more snow and ice.

An asterisk indicates storm days. A dagger denotes minor storm date

WHAT TO DO IN CASE OF ACCIDENTS.

DROWNING.—1. Loosen clothing, if any. 2. Empty lungs of water by laying the body on its stomach, and lifting it by the middle so that the head hangs down. Jerk the body a few times. 3. Pull tongue forward, using handkerchief, or pin with string, if necessary. 4. Imitate motion of respiration by alternately compressing and expanding the lower ribs, about twenty times a minute. Alternately raising and lowering the arms from the sides up above the head will stimulate the action of the lungs. Let it be done gently but persistently. 5. Apply warmth and friction to extremities. 6. By holding tongue forward, closing the nostrils, and pressing the "Adam's apple" back (so as to close entrance to stomach), direct inflammation may be tried. Take a deep breath and breathe it forcibly into the mouth of patient, compress the chest to expel the air, and repeat the operation. 7. Don't give up! People have been saved after hours of patient, vigorous effort. 8. When breathing begins, get patient into a warm bed, give warm drinks, or spirits in teaspoonfuls, fresh air and quiet.

BURNS AND SCALDS.—Cover with cooking soda and lay wet cloths over it. Whites of eggs and olive oil. Olive oil or linseed oil, plain, or mixed with chalk or whiting. Sweet or olive oil and limewater.

LIGHTNING.—Dash cold water over a person struck.

SUNSTROKE.—Loosen clothing. Get patient into shade and apply ice-cold water to the head. Keep head in elevated position.

MAD DOG OR SNAKE BITE.—Tie cord tight above wound. Suck the wound and cauterize with caustic or white-hot iron at once, or cut out adjoining parts with a sharp knife. Give stimulants, such as whisky, brandy, etc.

STINGS OF VENOMOUS INSECTS, ETC.—Apply weak ammonia, oil, salt water or iodine.

FAINTING.—Place flat on back; allow fresh air and sprinkle with water. Place head lower than rest of body.

TEST OF DEATH.—Hold mirror to mouth. If living moisture will gather. Push pin into flesh. If dead, the hole will remain. If alive, it will close up. Place fingers in front of a strong light. If alive, they will appear red; if dead, black or dark.

CINDERS IN THE EYE.—Roll soft paper up like a lamplighter, and wet the tip to remove, or use a medicine dropper to draw it out. Rub the other eye.

FIRE IN ONE'S CLOTHING.—Don't run—Especially not downstairs or out-of-doors. Roll on carpet, or wrap in woolen rug or blanket. Keep the head down, so as not to inhale flame.

FIRE IN A BUILDING.—Crawl on the floor. The clearest air is the lowest in the room. Cover head with woolen wrap, wet if possible. Cut holes for the eyes. Don't get excited.

FIRE FROM KEROSENE.—Don't use water, it will spread the flames. Dirt, sand or flour is the best extinguisher, or smother with woolen rug, tablecloth or carpet.

SUFFOCATION FROM INHALING ILLUMINATING GAS.—Get into fresh air as soon as possible and lie down. Keep warm. Take ammonia—twenty drops to a tumbler of water, at frequent intervals; also two to four drops tincture of nux vomica every hour or two for five or six hours.

TODAY.

Today is the grandest of temporal terms. Yesterday no longer is, and tomorrow will never come. All that was ever done was done today; every victory won, every song of triumph sung, every world overcome, was done today. All that ever was, is today. All that ever will be is today. All that ever can be, can be today. Today the grandest verities of Being voice the immortal strains of Life, Truth and Love. Today is not sad or weak or commonplace to him who sees today aright. Today is Creation's Dawn, Resurrection Morn and Judgement Day. Today is Eternity.—
WALDRO PONDRAY WARREN.

“I've licked a dozen revenue stamps for telegrams I sent,
I licked and stuck one on the bill with which I pay my rent.
I licked a stamp to paste upon a note which I renewed,
And then licked another one to make a mortgage good.
I licked these stamps to show that I respect my country's will,
And now I'd like to lick the man that introduced that bill.”

—WASHINGTON STATESMAN.

Why do ducks go under water? For divers reasons.

It is surprising the amount of trouble a man will endure before it reaches him.

What is it that no one wishes to have, yet no one wishes to loose? A bald head.

For a steady thing the light of a tallow candle is better than that of a sky rocket.

Why is a person casting up accounts like a venomous reptile? Because he is an adder.

When is money damp? When it is dew (due) in the morning and mist (missed) at night.

Why are good resolutions like fainting ladies? Because they ought to be promptly carried out.

When was beef tea first introduced in England? When Henry VIII dissolved the Pope's bull.

When does a man belong to the vegetable kingdom? When long experience has made him sage.

Doctor—There, Patrick, is something that will give you an appetite for your dinner.

Patrick—Faith, an' it's not that I want. The great nade is a dinner for me appetite.

Where He Was Shot.

Dr. Winkers—I hear your friend was shot in the lumbar regions.

Mr. Blinkers—No; he was shot in the coal regions.

Two Ways.

First Dame—Do you ever go through your husband's pockets in the morning?

Second Dame—Huh! Catch me waiting until morning. I go through them before he goes out in the evening.

PERFECTION OIL



Brilliant!

Safe!

Inodorous!

PARENTS who value the lives of their children and the safety of their homes, should risk no other oil in their lamps.

It is a strictly Spring-Water-White Oil, of a combination which insures a soft, brilliant light, free from smoke and the offensive odor so common to the ordinary coal oil.

All the impurities and explosive elements have been thoroughly eliminated, rendering it absolutely safe under all circumstances, so that it may be handled by children and servants without danger of exploding or igniting.

This is the purest and best oil that is produced from Petroleum.

**Gold Medal Awarded at Trans-Mississippi
Exposition, Omaha, 1898.**

For specific excellence and for highest grade illuminating oil, also highest premium awarded at the Cincinnati Industrial Exposition of 1893.

In 1801 there was no kerosene nor gas; both were unheard of. The tallow dip was the standard light, and on the frontiers even tallow was scarce. There the torch of the forest was used. Lamps then were in the homes of the very rich, fed with whale or vegetable oils, but they were few, and the flame hardly brighter than the candles. For fifty years into the century these lights were used, for it was not until 1858 that petroleum was discovered, and even in 1861, kerosene was very expensive, costing sixty cents a gallon.

MICA AXLE GREASE

HAS NO

EQUAL



USE HALF AS MUCH MICA AXLE GREASE
AND TWO HORSES CAN DO THE WORK



INFERIOR AXLE GREASE
WEARS OUT HORSES WAGON AND DRIVER